Registered as a Newspaper.]

[*Crown Copyright Reserved.*
Extracts may be published if the source is duly acknowledged.

Vol. XCII. No. 1,009.

PERIODICAL ROOM
RECEIVED
APR 25 1916
UNIV. OF MICH.
LIBRARY

The Board of Trade Journal

Edited by the Commercial Department of the Board of Trade

MARCH 30, 1916.

	PAGE
Openings for British Trade	911
Board of Trade Exhibitions	927
Government Notices affecting Trade	929
Foreign Government Notices affecting Trade	942
United Kingdom Trade with Australia: Visit of H.M. Trade Commissioner	944
Trade Enquiries regarding Markets Abroad	945
Trade of Foreign Countries and British Possessions	946
Crop Estimates in Roumania and Argentina	947
Metals and Hardware Trade of New Zealand in 1914	948
Glass Bead Industry of Venice	950
Tariff Changes and Customs Regulations	952
Excise Tariff Changes	965
Shipping and Transport	966
Minerals, Metals, and Machinery	968
Textiles and Textile Materials	971
Agricultural and Forest Products	973
Miscellaneous	975
Government Publications, &c.	976

For list of contents in detail see p. vi. of Advertisements.
* *For list of principal publications of Board of Trade see. p i. of Advertisements.*

LONDON:
PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE
BY JAS. TRUSCOTT & SON, LIMITED, SUFFOLK LANE, E.C.
To be purchased, either directly or through any Bookseller, from
WYMAN AND SONS, LIMITED, 29, BREAM'S BUILDINGS, FETTER LANE, E.C.; and
54, ST. MARY STREET, CARDIFF; or
H.M. STATIONERY OFFICE (SCOTTISH BRANCH), 23, FORTH STREET, EDINBURGH; or
E. PONSONBY, LIMITED, 116, GRAFTON STREET, DUBLIN;
or from the Agencies in the British Colonies and Dependencies,
the United States of America, and other Foreign Countries of
T. FISHER UNWIN, LIMITED, LONDON, W.C.

SOLE CONTRACTORS FOR ADVERTISEMENTS:—LAUGHTON & CO., LIMITED,
3, WELLINGTON STREET, STRAND, W.C.

For Shippers' and Manufacturers' Advertisements, &c. (Index of) see pages vii.-xxvi. *of Advertisements.*

Published Weekly. Price THREE PENCE.

ZEPPELIN RAIDS.

JOHN TANN'S SAFES

DOORS & STRONG ROOMS

MAXIMUM SECURITY. MINIMUM COST.

CATALOGUE AND EXPERT ADVICE GRATIS **117, NEWGATE ST., E.C.**

Contractors to the Admiralty, War Office, India Office, H.M. Office of Works, etc.

"TARBONIA" REGD

D. BROWN & CO.,

81, MITCHELL STREET, GLASGOW.

Telegrams: "Carbonia, Glasgow."

Exporters of—

PITCH,	NAPHTHALINE,	SHEEP DIPS,
TAR,	BENZOL,	CATTLE DRESSINGS,
CREOSOTES,	NAPHTHAS,	WOOD PRESERVATIVE,
CARBOLICS,	DISINFECTANTS,	TOLUOL.

SCOTCH COAL :: PATENT FUEL :: BRICKS

SACKS AND BAGS AND JUTE GOODS

Of all descriptions for all purposes for

HOME AND FOREIGN MARKETS.

J. De PAIVA & Co.,

11, Drury Lane, LIVERPOOL.

Telegrams—"DEPAIVA," LIVERPOOL. Telephone—1343 & 1363 Central.

LONDON OFFICE—165, Mansion House Chambers, 11, Queen Victoria Street, E.C.

ROBERT HALL & SONS, Bury, Ltd.,

BURY, Lancashire, ENGLAND.

Power Looms and Weaving Machinery of every description for Cotton, Woollen Worsted, Linen, Jute, Asbestos, &c.

Complete Plants for Woven Belting, Hosepipes, Carpets, Turkish Towels, Sailcloth, Duck, Motor Tyre Cloth, Calico, Fustian, Velvet, Plush, Slipper Carpets, Narrow Fabrics, Webbing, &c.

Hand Looms for all purposes.

SHIELDS & RAMSAY,

104, West George St. GLASGOW.

EXPORTERS of

SULPHATE OF AMMONIA.	PITCH FOR ROOFING, &c.	BENZOLE
TAR FOR ROAD MAKING.	ANTHRACENE OIL.	BENZINE.
PITCH FOR BRIQUETTE MAKING.	CARBOLINEUM.	CARBOLIC and CRESYLIC ACID
	NAPHTALINE.	

High Boiling Point Acids and all other Coal Tar Products.

FUEL OIL in BULK as supplied to the BRITISH NAVY.

STOCKS held at various Ports in the United Kingdom.

Managers for British Creosote Co., Ltd.

CREOSOTE OIL for Preserving Timber supplied in bulk from Stocks held at Grangemouth, Middlesboro', Hull and Manchester.

CARGOES of any size up to 8,000 tons can be loaded at short notice.

S
ET,
S
.
L.
St.
cks
ce.

THE

Board of Trade Journal.

Vol. XCII.] March 30, 1916. [No. 1,009

COMMERCIAL INTELLIGENCE BRANCH of the BOARD OF TRADE,

73, Basinghall Street, London, E.C.

TELEGRAMS { **"Advantage, Stock, London."** Code :—**5th Edition, A.B.C.** TELEPHONE { **London Wall 4713 (5 lines).**

32, Cheapside, London, E.C.

(*British Industries Fair and Foreign Samples Section.*)

TELEGRAMS { **"Shoforsamp, London."** Code :—**5th Edition, A.B.C.** } TELEPHONE: **City 2323.**

The objects and work of the Branch are described on p. 985.

Attention is called to the notice on p. 927 regarding the exhibition at Sheffield of samples of "enemy" goods, formerly sold in British and in certain other markets abroad, and also to the following samples which are on view at 73, Basinghall Street, E.C.:—

Samples.	Reference in "Board of Trade Journal." Date.	Page.
Wheat of 1915-16 Season from Western Australia: Standard Sample	23rd Mar., 1916	902
Necktie for manufacturing which Machinery is required in Portugal	16th " "	760
Raw and Manufactured Baobab Fibre from Senegal... ...	2nd " "	662
Insulators, Iron Oxide, and Glass Lamp Chimney (German), sold in Brazil	17th Feb., "	447
Ruby Mica from Brazil—*Market sought*	27th Jan., "	223
Cotton Tweeds of German make—Australian enquiry ...	13th " "	77

Attention is also called to the following notices:—

Register of firms in the United Kingdom who may desire to receive **Confidential Information** relative to openings for trade 926

List of the **more important Articles** on trade subjects contained in **Foreign and Colonial Publications,** &c. received at the Commercial Intelligence Branch 981

List of **H.M. Trade Commissioners** in the Self-Governing Dominions 986

List of **Trade Enquiry Offices** in London of the Self-Governing Dominions 982

OPENINGS FOR BRITISH TRADE.

UNITED KINGDOM.

New Sources of Supply Required.

Since the outbreak of the war, applications have been received in the Commercial Intelligence Branch of the Board of Trade from a large number of firms in all parts of the United Kingdom who

Openings for British Trade.

UNITED KINGDOM—*continued.*

wish to get into communication with United Kingdom manufacturers or producers of various classes of goods which have previously been obtained from Germany and Austria-Hungary.

Applications from firms at home for the names of manufacturers or producers of the following (amongst other) articles have been recorded during the past week:—

Brass "neptunes" for evaporating sea-water for salt.
Brooms, machine made.
Casein.
Celluloid substitute, non-inflammable.
Clocks, small, suitable for fixing in wood cases.
Combs, fancy.
Fastenings, nickel silver and silver, for purses.
Laces, shoe, artificial silk.
Lamp burners, brass (cheap).
Leather, glovemakers' waste pieces, suitable for kid and leather finger stalls.
Machinery for cutting the teeth of combs.
Machinery for making—
Boot laces, mohair.
Tinned sheets.
Millinery buckram.
Mouth organs.
Nickel wire.
Spring clips, small steel.
Twine, Russian hemp, 4 ply unfinished, for net-making.
Washers, copper-asbestos.
Weighing machines, dormant platform automatic.

✠ ✠ ✠ ✠ ✠

☛ NOTE.—*In reading the following notices of possible openings for United Kingdom goods abroad, regard should be had to the list of articles, the exportation of which from the United Kingdom is prohibited under various Proclamations and Orders-in-Council—see the Supplement to the "Board of Trade Journal" of 17th February; also pp. 535-6 of the "Board of Trade Journal" of 24th February; and pp. 850-2 of the "Journal" of 23rd March.*

Regard should also be had to the Royal Proclamation (see p. 952 of the "Board of Trade Journal" of 30th September) prohibiting exports to China and Siam unless consigned to authorised persons or bodies of persons—see notice on p. 938 of this issue; and also to the notice on p. 21 of the "Journal" of 6th January regarding enquiries as to consignees in Persia, Morocco, Liberia, or Portuguese East Africa.*

The attention of exporters is drawn to the notices appearing on pp. 454-5 of the "Board of Trade Journal" of 17th February—(1) pointing out that the grant of a licence to export does not relieve the owner or other person of responsibility for any breach of law; and (2) setting forth the arrangements made as regards re-exports to British ports overseas.

Attention is also drawn to the notices published from time to time in the "Board of Trade Journal" relative to the issue of licences to export certain goods, viz.:—

Coal and coke, pp. 445-6, 13th May; pp. 666-7, 3rd June; pp. 363-4 and p. 366, 5th August; p. 430, 12th August; p. 595, 26th August;

* This Proclamation does not apply to Hong-Kong.

Openings for British Trade.

UNITED KINGDOM—*continued.*

p. 23, 7*th October; p.* 172, 21*st October; p.* 375, 11*th November; p.* 23 *of* 6*th January; pp.* 387-8, 10*th February; and p.* 855, 23*rd March.*

Cotton yarn and thread, raw cotton and cotton waste, p. 89, 8*th July.*

§Goods contracted for with Allied Governments, p. 368, 5*th August.*

Goods for purely industrial purposes in Allied Countries, p. 368, 5*th August.*

Hides, p. 386, 10*th February.*

§Leather for French Army boots, p. 24, 1*st July.*

Rough diamonds, p. 366, 5*th August; and pp.* 747-8, 9*th September.*

Rubber, p. 22, 1*st April.*

Tin, tin chloride and tin ore, pp. 815-6, 25*th March,* 1915, *p.* 22, 1*st April,* 1915, *and p.* 625, 2*nd March,* 1916.

Wool and woollen goods, p. 811 *of the "Journal" of* 23*rd December.*

Crossbred and similar wool, p. 885, 23*rd September.*

Crossbred wool tops, p. 173, 21*st October.*

East India wool, p. 173, 21*st October.*

Applications for licences to export any goods the exportation of which is prohibited or restricted should be made to the **War Trade Department, 4, Central Buildings, Westminster, London, S.W.,** *except in the two cases marked §, in which cases applications should be addressed to the* **Commission Internationale de Ravitaillement, India House, Kingsway, London, W.C.**

✠ ✠ ✠ ✠ ✠

N.B.—With reference to the following notices relative to openings for trade in the Self-Governing Dominions and elsewhere abroad, it should be borne in mind that postage must be prepaid on all communications addressed to H.M. Trade Commissioners and the Imperial Trade Correspondents in the Dominions, and to H.M Consular Officers in foreign countries. Care should be taken to ensure correct stamping, particularly when catalogues are sent. Packages sent at reduced rates by the Printed and Commercial Papers Post should be sent open (see page 58 *of the current issue of the Post Office Guide).*

BRITISH INDIA.

Galvanised Steelwork; Pig Iron; Steel Material; Wrought Iron.

The East Indian Railway Company is prepared to receive tenders for the supply and delivery of (1) *galvanised steelwork,* (2) *pig iron,* (3) *steel material,* and (4) *wrought iron,* in accordance with the specifications to be seen at the Company's Offices, 29 and 30, Nicholas Lane, London, E.C. Tenders are to be sent to the Secretary at the above address, marked "Tender for Galvanised Steelwork," or as the case may be, not later than 11 a.m. on 5th April. The charge for each specification is £1 1s., which will not be returned.

Openings for British Trade.

CEYLON.

Distillation Plant and Apparatus. See notice on p. 975.

CANADA.

Tweeds; Serges; Velveteens; Flannelettes, &c.

H.M. Trade Commissioner in Canada (Mr. C. Hamilton Wickes) reports that an agent in Quebec, who formerly represented German firms, wishes to obtain agencies of United Kingdom manufacturers of *tweeds, serges, velveteens, flannelettes, and other dry goods.*

United Kingdom manufacturers of the goods mentioned, desirous of appointing an agent in Quebec, may obtain the name and address of the enquirer on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. In making application the reference number (105) should be quoted.

(C.I.B. 10,857.)

✠ ✠ ✠ ✠ ✠

The following enquiries have been received at the Offices of the High Commissioner for Canada, 19, Victoria Street, London, S.W., *whence further information may be obtained*:— (C.I.B. 12,143.)

HOME ENQUIRY.

Canadian Liquid Resin *wanted.*

A Scottish firm is desirous of getting into touch with Canadian manufacturers of liquid resin.

CANADIAN ENQUIRIES.

Hardware, Cutlery, &c.

A Toronto manufacturers' agent seeks agencies of United Kingdom manufacturers of *hardware, cutlery,* &c., especially lines produced in substitution for German makes.

Market sought for **Canadian Tree Fat.**

A Canadian firm is desirous of corresponding with United Kingdom firms having a market for tree fat made from spruce and fir pulp.

Market sought for **Canadian Birch Lumber.**

Enquiry is made for the names of United Kingdom manufacturers of spools requiring supplies of white birch lumber.

Market sought for **Canadian Herrings.**

Enquiry is made for the names of fish importers in the United Kingdom open to receive supplies of Lake Superior herrings.

Market sought for **Canadian Match Splints.**

A correspondent in Manitoba wishes to get into touch with United Kingdom importers of match splints.

☛ *Note.*—For further information regarding any of the foregoing enquiries, application should be made to the High Commissioner for Canada, 19, Victoria Street, London, S.W.

✠ ✠ ✠ ✠ ✠

Openings for British Trade.

CANADA—*continued.*

The following enquiries have been received at the Canadian Trade Commissioner's Office, Portland House, Basinghall Street, London, E.C., *whence further information may be obtained*:— (C.I.B. 12,577.)

HOME ENQUIRY.

Canadian Pit Props *wanted.*

A firm of timber importers in the north of England seeking supplies of pit props invites offers from Canadian shippers.

CANADIAN ENQUIRY.

Pickled Cape Sheepskins; Glove Leathers.

A Canadian manufacturing company asks to be placed in touch with United Kingdom dealers in *pickled Cape sheepskins*, and also with manufacturers of *glove leathers*.

☞ *Note.*—For further information regarding either of the foregoing enquiries, application should be made to the Canadian Trade Commissioner's Office, Portland House, Basinghall Street, London, E.C.

* * * * *

Dam Construction Material.

According to telegraphic information received at the office of the High Commissioner in London for Canada, from the Minister of the Interior at Ottawa, the contractors for the Quebec Government are preparing to proceed with the construction of a dam on the St. Maurice River in Quebec Province, preliminary work having been started last summer. The St. Maurice River is 440 miles in length and has a watershed of 2,700 square miles. The dam is to be constructed 225 miles from the confluence of this stream with the St. Lawrence River at Three Rivers, and will create a reservoir of approximately 300 square miles. The manufacturing towns of La Tuque, Grand 'Mère, Shawinigan Falls and Three Rivers, have been built up largely through the utilisation of the water powers of the St. Maurice River for paper mills, &c. (C.I.B. 12,168.)

* * * * *

Machinery for Flax Industry. See notice on p. 971.

AUSTRALIA.

Fancy Worsted Suitings; Scotch Tweeds.

H.M. Trade Commissioner for Australia (Mr. G. T. Milne) reports that an indentor and manufacturers' agent in Melbourne wishes to obtain agencies of United Kingdom manufacturers of *fancy worsted suitings* or *Scotch tweeds* in 14 to 18 oz. weights, medium and low qualities, and in 54 to 56 in. widths.

United Kingdom manufacturers of the goods mentioned, desirous of appointing an agent in Melbourne, may obtain the name and address of the enquirer on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. In making application the reference number (106) should be quoted.

(C.I.B. 11,849.)

Openings for British Trade.

AUSTRALIA—*continued.*

Textiles; Clothing; Hosiery; Haberdashery; Fancy Goods, &c.

The Melbourne Office of H.M. Trade Commissioner for Australia reports that a local business man wishes to obtain agencies for Australia in respect of the following goods of United Kingdom manufacture:—*Cotton piece goods, woollens, silk and cotton dress materials, linen cloths, cotton dresses, blouses, underwear, hosiery, laces, handkerchiefs, toilet requisites, fancy goods, and imitation jewellery.*

United Kingdom manufacturers of the above-mentioned goods, desirous of appointing an agent for Australia, may obtain the name and address of the enquirer on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. In making application the reference number (107) should be quoted. (C.I.B. 11,322.)

* * * * *

Fencing Wire; Steel Girders and Joists; Lining Steel; Galvanised Iron; Brass Rods, &c.

A business man claiming twenty-five years' experience of Australian markets, who is shortly leaving the United Kingdom for Australia, wishes to obtain agencies of United Kingdom manufacturers of *fencing wire, steel girders and joists, lining steel, galvanised iron, brass rods, &c.*

Communications in this connection should be addressed to the Secretary, Statistical and Information Department, London Chamber of Commerce, 97, Cannon Street, London, E.C. (C.I.B. 12,166.)

Chemicals; Drugs; Proprietary Articles; Stationery; Piece-goods; Carpets; Linoleum; Electro-plated Goods.

A Sydney business-man, now in London, who claims good connections amongst Australian buyers, desires to obtain the representation of United Kingdom manufacturers of *chemicals, drugs, proprietary articles, stationery, piece-goods, carpets, linoleum, and electro-plated goods.* *See Note on p.* 912.

Communications in this connection should be addressed to the Secretary, Statistical and Information Department, London Chamber of Commerce, 97, Cannon Street, E.C. (C.I.B. 12,485.)

Architects' and Builders' Supplies.

The managing director of a firm of architects' and builders' specialists, who is shortly proceeding to Australia, desires to hear from one or two high-class United Kingdom manufacturers desirous of opening up business in the Commonwealth.

Communications in this connection should be addressed to the Secretary, Chamber of Commerce, Liverpool. (C.I.B. 12,119.)

* * * * *

Openings for British Trade.

AUSTRALIA—*continued.*

The Sydney Office of H.M. Trade Commissioner for Australia has forwarded a specification and tender form in connection with a call for tenders by the New South Wales Government Railways and Tramways as follows :—

Direct Current Motors, &c.

Sealed tenders, on the proper forms, will be received up to noon on 24th May* by the Chief Commissioner for Railways and Tramways, Phillip Street, Sydney, N.S.W., for the supply, delivery, erection and maintenance, of 16 (600 volt) *direct current motors, with field rheostats complete, and accessories,* at the Tramway Stores, Randwick. (Specification No. 477.) Alternative tenders are required for *motors fitted with interpole windings.*

Tenders must be *accompanied by a deposit or marked cheque*† on the following scale:—£5 for tenders not exceeding £200; £10 for tenders over £200 but not exceeeding £500; £15 for tenders over £500 but not exceeding £1,000; £20 for tenders over £1,000 but not exceeding £2,000; and 1 per cent of the value of the offer if above £2,000. *Local representation is necessary.*

Copies of the specification, conditions and form of tender may be *obtained* from the office of the Electrical Engineer, New South Wales Government Railways and Tramways, 61, Hunter Street, Sydney, N.S.W., on payment of 2s. 6d. for each copy.

The above-mentioned copy of the specification and form of tender may be *consulted* by United Kingdom makers of direct current motors at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (C.I.B. 11,751.)

Grain Elevator Plant.

The Sydney Office of H.M. Trade Commissioner for Australia also reports that the New South Wales Minister of Agriculture has recently entered into an agreement with a firm of engineers for the supply of plans and specifications for elevators for the bulk handling of grain in the State. It is anticipated that the preparation of these plans will take some months, and that the first building to be erected, namely, the Sydney terminal elevator, will be undertaken about next August. New South Wales will thus be the first State in the Commonwealth to adopt the system of handling grain in bulk by elevators.

Eventually all the States will, no doubt, adopt the bulk handling system on the lines of that followed in Canada. Victoria and South Australia are also moving in this direction, and it is probable that definite plans will be formulated in both States in the course of the next few months. (C.I.B. 11,317.)

---

* It will be observed that the time for the receipt of tenders is limited and, owing to forms having to be obtained from Australia, this intimation will be of use only to firms having agents in the Commonwealth who can be instructed by cable.

† A marked cheque is one whose payment has been provided for by the bank on which it is drawn having transferred the amount from the account of the drawer and marked the cheque either "Accepted" or "Certified."

Openings for British Trade.

NEW ZEALAND.

Building Material; Plant and Material for Water and Drainage Works.

With reference to the notice on p. 868 of the "Board of Trade Journal" of 30th December last, relative to the raising of a loan of £115,000 for the purpose of carrying out certain public works at Auckland, the following particulars regarding the progress of the undertakings are taken from a newspaper extract forwarded by the Office of H.M. Trade Commissioner for New Zealand:—

The Mayor of Auckland stated on 31st December last that the Council's market scheme had matured and tenders for the buildings would probably be invited in February. Over £50,000 will be spent on this undertaking.

The water reticulation scheme of Grey Lynn, a suburb of Auckland, to cost £10,000, was expected to be put in hand about the end of January. A considerable amount of drainage work was done throughout the city in 1915, and a commencement has already been made on the new drainage works in the Remuera district, another suburb; the latter undertaking involves an expenditure of £30,000.

The Mayor added that the City Engineer was preparing a comprehensive report in regard to city improvement schemes and other desirable works which should claim the attention of the Council during the next few years. (C.I.B. 10,853.)

Metals and Hardware. See article on p. 948.

SOUTH AFRICA.

Black Lead Pencils.

H.M. Acting Trade Commissioner in South Africa (Mr. H. E. Gauntlett) reports that a Johannesburg agent wishes to get into communication with United Kingdom manufacturers of *black lead pencils*, with a view to securing an agency as soon as manufacturing conditions return to the normal. The enquirer states that supplies of pencils for South Africa have hitherto been obtained from Austria and the United States, and that American makers are at present capturing this trade.

United Kingdom manufacturers of black lead pencils, desirous of appointing an agent in Johannesburg, may obtain the name and address of the enquirer on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street London, E.C. In making application the reference number (108) should be quoted. (C.I.B. 12,213.)

H.M. Acting Trade Commissioner in South Africa has forwarded specifications, &c. in connection with calls for tenders by the South African Railways Administration, as follows:—

Steel Wheels and Axles.

(1) Up to noon on 10th April*, for the supply and delivery of 130 pairs of *steel wheels and axles, with bearings complete, for platelayers' trolleys*, together with an additional 15 *wheels* only. (Tender No. 695.)

* It will be observed that the time for the receipt of tenders is limited and this intimation will therefore be of use only to firms having agents in South Africa who can be instructed by cable.

Openings for British Trade.

SOUTH AFRICA—*continued.*

Mild Steel Plates.

(2) Up to noon on 17th April,* for the supply of about 318 tons of *mild steel plates*, in eight different sizes. (Tender No. 699.)

Copies of the specifications and forms of tender may be *obtained* from the Secretary to the Tender Board, South African Railways Headquarters Offices, Johannesburg, at which address also sealed tenders will be received up to the dates mentioned. A drawing in connection with the contract for wheels and axles may be obtained from the Railway Stores, Cape Town, Port Elizabeth, East London, Durban, Bloemfontein and Germiston, at a cost of 10s. 6d., which amount will be refunded on receipt of a *bonâ fide* tender and the return of the drawing.

A copy of each of the specifications and forms of tender may be *consulted* by United Kingdom manufacturers of the goods mentioned at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (C.I.B. 12,211.)

✠ ✠ ✠ ✠ ✠

The Imperial Trade Correspondent at Johannesburg (Lieut.-Col. C. A. C. Tremeer, D.S.O.) has forwarded specifications, &c. in connection with calls for tenders by the Johannesburg Municipal Council, as follows:—

Steel Pinion Wheels.

(1) Sealed tenders, on the proper forms, will be received by the Town Clerk, Municipal Offices, Johannesburg, up to noon on 16th May* for the supply and delivery of 200 *steel pinion wheels* (cast steel or tool steel) required for tramcar motors. (Contract No. 103.) (C.I.B. 11,379.)

Steel Tramway Crossings.

(2) Sealed tenders, on the proper forms, will be received by the Town Clerk up to noon on 6th June, for the supply and delivery of two special *manganese steel crossings for tramway track.* (Contract No. 111.) (C.I.B. 12 236.)

Copies of the specifications, conditions of contract, and tender forms, together with blue prints, may be *obtained* from the Municipal Offices, Johannesburg.

A copy of each of the specifications, together with copies of the conditions of tender and tender forms, and a blue print of the pinion wheels, may be *consulted* by United Kingdom manufacturers of the goods mentioned at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

Woodworking Machinery.

H.M. Acting Trade Commissioner in South Africa, writing with reference to the use of *woodworking machinery*, of foreign manufacture in the Union, suggests that United Kingdom manufacturers of such

* It will be observed that the time for the receipt of tenders is limited and this intimation will therefore be of use only to firms having agents in South Africa who can be instructed by cable.

Openings for British Trade.

SOUTH AFRICA—*continued.*

machinery might profitably forward their catalogues to firms in the Union who use, or deal in, woodworking machinery, at the same time stating their desire to receive specifications of machinery which it is proposed to instal hereafter, in order that they may be in a position to quote for such requirements.

The names of possible purchasers of and dealers in woodworking machinery may be obtained by United Kingdom manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. In making application the reference number (109) should be quoted. (C.I.B. 11,342.)

Railway and Harbour Estimates for 1916-17.

H.M. Acting Trade Commissioner has forwarded a copy of the Estimates of Expenditure of the South African Railways and Harbours for the year ending 31st March, 1917 :—

Railways.—The total estimated expenditure on railways is put at £12,561,101. The following expenses are assigned under the heading "Maintenance of Permanent Way":—*Sleepers*, £86,782; *rails*, £50,101; *other material*, £22,494; *bridges*, £24,005; *crossings, overhead bridges, fences, &c.*, £14,137; *signals*, £27,568; *telegraphs and telephones*, £53,370; *and water supply*, £23,283. As regards *material for the maintenance of rolling stock*, £297,742 is allotted in connection with locomotives, £96,598 for coaching stock, and £218,590 for goods stock. £39,777 is assigned for expenditure on *lubricating supplies*, £20,562 for *running stores* for locomotives and vehicles, £14,300 for *maintenance of tarpaulins*, and £8,000 for *creosote required by sleeper factories*.

Harbours.—The total estimated expenditure on harbours is put at £1,175,926. The following sums appear under the heading "Maintenance":—*Dredging*, £43,864; *jetties, wharves, and quays*, £14,721; *breakwaters and sea walls*, £5,540; *buildings, &c.*, £19,893.

The copy of the Estimates above referred to may be consulted by United Kingdom firms interested at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

(C.I.B. 11,375.)

Machinery and Plant for Engine Shop.

According to information received at the Office of H.M. Trade Commissioner in South Africa, from the Commissioner of Customs and Excise at Pretoria, it has been decided by the Administration of the South African Railways to provide a new erecting shop at Salt River near to Cape Town at a cost of, approximately, £23,000. This will enable the heavier type of locomotive now in use to be handled with greater expedition. (C.I.B. 11,341.)

Openings for British Trade.

FRANCE.

H.M. Consul at Lyons (Mr. E. R. E. Vicars) reports the receipt of the following enquiries:—

Glass Wares for Electric Lighting.

A local business man, who has hitherto represented German firms, wishes to obtain agencies of United Kingdom manufacturers of *glass wares for electric lighting*, such as *shades and reflectors*, plain and ornamented. (Reference No. 110.) *See Note† following.* (C.I.B. 11,294.)

Groceries and Hams.

A local agent wishes to get into touch with United Kingdom manufacturers and exporters of *groceries and hams* with a view to taking up agencies for Lyons and neighbourhood, or even of buying outright. This enquirer formerly represented German firms in the same line of business and is now seeking to make arrangements for the replacing of German by British goods. (Reference No. 111.) *See Note† following, and also Note on p.* 912. (C.I.B. 11,734.)

Note†.—United Kingdom manufacturers of the goods mentioned, and exporters of U.K. goods, desirous of appointing agents in Lyons, may obtain the names and addresses of the respective enquirers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. In making application the relative reference number should be quoted.

SPAIN.

Fasteners for Boot Buttons.

H.M. Consul at Madrid (Mr. A. Jackson) reports that in his Consular district there is a scarcity of *metal fasteners* ("sillas") for attaching buttons to boots. The names of two firms in Madrid dealing in these articles may be obtained by United Kingdom manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. In making application the reference number (112) should be quoted. (C.I.B. 9,038.)

Bridgework.

H.M. Consul at Seville (Mr. A. Keyser) reports the publication of a Royal Decree approving the general plans for the construction of a bridge over the Guadiaro River, in the district of La Linea, near Gibraltar. The length of the bridge will be approximately 300 metres and the estimated cost of its construction about £22,000. Tenders for the execution of the works will be called for shortly. (C.I.B. 12,263.)

Cement.

The "Gaceta de Madrid" of 17th March notifies that sealed tenders will be received by the "Junta de Obras de Riego del Valle Inferior del Guadalquivir, Plaza de la Contratación, No. 3," Seville, up to 2 p.m. on 10th April, for the supply and delivery of 2,000 metric tons of *cement* required in connection with the Guadalquivir Canal works. *A deposit*

Openings for British Trade.

SPAIN—*continued.*

of 1,500 pesetas (about £60) is required to qualify any tender. Local representation is necessary.

Further particulars (in Spanish) may be *consulted* by United Kingdom cement manufacturers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C., where in addition there may be seen the general specifications and conditions of tender issued by the "Ministerio de Fomento" for the supply of cement required for public works in Spain. (X G.)

School Construction Material and Equipment.

The "Gaceta" of 13th March notifies that tenders will be opened, at 11 a.m. on 15th April, by the Municipal Authorities of Mota del Marqués (Province of Valladolid), for the construction of a new school at that town, at an estimated cost of 81,531 pesetas (about £3,260).

The issue of the "Gaceta" referred to, containing particulars (in Spanish) regarding the works to be executed and the materials to be employed, may be consulted by United Kingdom manufacturers interested at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. *See Note† following.*

Lighting Plant and Material.

The "Gaceta" of 13th March also notifies that tenders will be received, within a period of 30 days from that date, by the Municipal Authorities of San Feliu de Guixols (Province of Gerona), for a concession for the public lighting of that town, either by gas or electricity.

The "Gaceta," containing the text (in Spanish) of the conditions under which the concession will be granted, may be inspected by United Kingdom contractors at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. *See Note† following.*

Electric Tramway Material.

The "Gaceta" of 18th March notifies that tenders will be opened at noon on 19th May at the "Dirección General de Obras Públicas, Ministerio de Fomento," Madrid, for the construction and working, for a period of 60 years, of an electric tramway in Bilbao, connecting the existing system with the Irala-Barri district. The minimum rolling stock required to commence the working of the line is one motor and one trailer coach for passengers, and one motor goods coach and two trailer goods wagons. Construction work must be commenced within three months and completed within eighteen months from the date of the award of the concession. An option on the concession is held by the "Sociedad Tranvia Urbano de Bilbao." *See Note† following.*

Street Paving Plant and Material.

The "Gaceta" of 19th March notifies that tenders will be opened, on 29th April, at the "Casa Consistorial, Plaza de la Villa, No. 4," Madrid, for the construction and maintenance of basalt pavements in the streets of the capital. The period allowed under the

Openings for British Trade.

SPAIN—*continued.*

contract for the construction of new pavements will be from the date of the adjudication until 31st December, 1920, and the period for keeping the pavements in good repair will terminate at the end of 1924.

The "Gaceta," containing particulars (in Spanish) regarding the works to be carried out and the materials to be employed, may be consulted by United Kingdom manufacturers of paving plant and material at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. *See Note† following.*

Note †.—Although the four foregoing contracts will probably be awarded to Spanish firms, nevertheless the carrying out of the works may involve the purchase of some material outside Spain.

ITALY.

Firebricks; Sand; Chemicals for Glass Making; Soda; Arsenic.

The Acting British Vice-Consul at Venice (Mr. H. C. Swan) reports that an agent and importer there wishes to obtain agencies of United Kingdom manufacturers and exporters of *firebricks, sand, chemical products for making glass, soda, and arsenic.* *See Note on p.* 912. This enquirer states that he has hitherto obtained most of his supplies from Germany. He buys as agent and also on his own account, usually paying cash against documents at a Venetian bank.

United Kingdom manufacturers and exporters of U.K. goods, desirous of appointing an agent in Venice, may obtain the name and address of the enquirer on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. In making application the reference number (113) should be quoted.

(C.I.B. 12,060.)

ABYSSINIA.

General Supplies: *See details in Italics.*

In a report to his Government, published in "Commerce Reports" (Washington) of 1st March, the United States Vice-Consul at Aden writes that the railway from Djibouti to Adis Abeba is rapidly nearing completion, and when it is opened for traffic there should be a larger market for foreign goods. Some of the articles for which there should be a demand are the following:—*Soap, safety matches, hardware, cutlery, cooking utensils, carpenters' tools, simple agricultural implements, sewing machines, stationery, ink,* and *cotton prints.* All goods should be such as could be retailed cheaply to the natives, price being of greater consideration than quality. Business is largely done through Aden. *See Note on p.* 912.

Openings for British Trade.

UNITED STATES OF AMERICA (PHILIPPINE ISLANDS).

General Supplies— *See details in Italics.*

The Acting British Consul-General at Manila (Mr. T. Harrington) reports that a British firm established at Manila has recently opened a branch in Zamboanga in the Department (Island) of Mindanao. The following goods are amongst those imported by this firm:—*Textiles, haberdashery, leather goods, building materials, furniture, hardware, corrugated iron sheets, iron and steel, engineering supplies, machinery, motor cars and motor cycles, bicycles, wall papers, paints, oils, disinfectants, groceries and provisions, and filters.* See Note on p. 912.

United Kingdom manufacturers of the goods mentioned, and exporters of U.K. goods, desirous of business in the Philippine Islands, may obtain the name and address in this country of the firm referred to on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. In making application the reference number (114) should be quoted.

(C.I.B. 81,792.)

HONDURAS.

Hides and Skins: *Market sought.*

The Acting British Consul at Tegucigalpa (Mr. J. Walter) reports that a local firm is in a position to export *hides and skins* to the United Kingdom, f.o.b. either Amapala or New York.

United Kingdom importers of hides and skins may obtain the name and address of the firm referred to on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. In making application the reference number (115) should be quoted.

(C.I.B. 11,728.)

BRAZIL.

Plant and Materials for Railway Construction, &c.

H.M. Consul at Porto Alegre (Dr. T. C. Dillon) reports that the Public Works Department (Directorate of Land Ways) of the State of Rio Grande do Sul has issued a call for tenders for the construction of a section of the railway from Carlos Barbosa to Bento Goncalves, a distance of 5,080 metres, estimated to cost £17,500. Tenders were to be received by 4th March. The work to be carried out includes the clearing of the forest and undergrowth, &c., the laying of the permanent way, the erection of a telephone line, buildings, &c.

The State Government will supply the rails, fishplates, switches, &c., in fact all that is necessary, including the metal superstructure for a bridge over the "Marrecão" stream. The State will also hire to the contractor the rolling stock necessary for the carrying out of the contract.

Dr. Dillon suggests that this information may be of interest to United Kingdom manufacturers who might possibly be able to supply *plant and materials for railway construction, &c.*, to the State Government.

(C.I.B. 11,302.)

Openings for British Trade.

URUGUAY.

Irrigation Plant and Material.

The "Diario Oficial" (Montevideo) of 8th February publishes a Resolution of the Uruguayan Ministry of Industries authorising further studies to be made in connection with the projected irrigation of the Matacjo district, in the Department of Minas. The Agronomical Laboratory of Sayago will make investigations regarding the agricultural possibilities of the zone.

BOLIVIA.

Material, &c. for Railway Construction.

With reference to the notice on p. 870 of the "Board of Trade Journal" of 30th December relative to a Decree authorising the Bolivian Executive to call for tenders for the construction of a railway from Potosi to Sucre, H.M. Legation at La Paz reports that a Decree, dated 5th January, has now been issued calling for tenders, up to 30th June, for the construction and working of the proposed railway. Article 8 of the Decree provides for the admission into Bolivia, free of Customs duties, of the *material, machinery, and tools* required for the projected railway. *See Note on p.* 912.

H.M. Legation has forwarded a translation of the above-mentioned Decree which may be consulted by United Kingdom manufacturers of railway material, &c., at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (C. 9,511.)

ARGENTINA.

Material and Equipment for Hospital.

The "Boletin Oficial" (Buenos Aires) of 10th February publishes a Decree approving a project prepared by the "Ministerio de Relaciones Exteriores y Culto" relative to the construction of a hospital in Posadas (Misiones) at an estimated cost of 346,681 pesos currency (about £30,300).

A further Decree, published in the "Boletin" of 17th February, authorises the "Comisión Asesora de Asilos y Hospitales Regionales" to call for public tenders for the execution of the above-mentioned works.

Material for Irrigation Works.

The "Boletin" of 11th February contains a Decree approving a project drawn up by the Government of the Province of Santiago del Estero relative to an irrigation canal from the Río Salado to the town of Añatuya.

Material for Water Supply Works.

The same issue of the "Boletin" publishes a further Decree authorising the "Dirección de las Obras Sanitarias" to carry out the necessary works for the supply of drinking water in certain quarters of the town of Córdoba, at an estimated cost of 52,783 pesos currency (about £4,600).

OPENINGS IN ALL COUNTRIES.

Confidential Information.

Firms in the United Kingdom desirous of receiving confidential information as to opportunities for the extension abroad of those branches of trade in which they are specially interested, and as to other connected matters, may, upon application, have their names placed on a Special Register at the Commercial Intelligence Branch of the Board of Trade.

The confidential information communicated to firms so registered relates mainly to openings for British trade abroad, and is received from His Majesty's Consular Officers in Foreign Countries, from His Majesty's Trade Commissioners and the Imperial Trade Correspondents in the British Dominions, and from the Board of Trade Correspondents in the Crown Colonies, supplemented by information from other sources available to the Commercial Intelligence Branch.

Firms inscribed on the Register may indicate the particular lines of trade to which the information to be sent to them should relate, and a classified list of subjects is sent to all applicants for registration with this object. During 1915, 849 separate circulars were issued (to the number of 383,888 copies) to firms on the Special Register interested in the particular branches of trade to which the circulars related.

The great volume of information distributed under this system has rendered it necessary to make a small charge for the service *which includes the regular supply of the weekly "Board of Trade Journal,"* and accordingly firms whose names are inscribed on the Register are required to pay an annual fee of One Guinea to the Accountant-General of the Board of Trade, Whitehall Gardens, London, S.W.

The "Journal" itself contains a large amount of information as to openings for British trade abroad and as to other matters of interest to British traders generally. Information published in it is not repeated by circular to firms whose names are on the Special Register; the confidential information communicated to the latter is confined to matters which, at the time, have not been published in the "Journal," or are not intended to be published at all.

Firms in the United Kingdom who wish to have their names inscribed on the Special Register should apply in writing to the Director of the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C., for the necessary form of application.

N.B.—Admission to the Register, and retention upon it, are at the discretion of the Board of Trade.

BOARD OF TRADE EXHIBITIONS.

FORTHCOMING EXHIBITION AT SHEFFIELD OF SAMPLES OF GERMAN AND AUSTRIAN GOODS FROM ABROAD.

Arrangements have been made for the exhibition at Sheffield of the samples of goods of German and Austrian manufacture sold in British markets abroad and in certain foreign markets, which have been collected by the Commercial Intelligence Branch of the Board of Trade, and which have previously been exhibited at Leicester, Nottingham, Leeds and Glasgow. The Sheffield Exhibition will be held, through the courtesy of the Master Cutler, in the Cutlers' Hall, Church Street, from 7th to 13th April, both days inclusive, and will be open from 10 a.m. until 6 p.m.

Invitations to the Exhibition will be issued by the Board of Trade working in conjunction with the Sheffield Chamber of Commerce, and manufacturers and exporters who do not receive invitations by 13th April should make application to the Chamber.

Further announcements as to the exhibition of the samples in other industrial centres will be made as soon as arrangements are completed.

The goods to be shown are of great variety and represent the following trades and industries:—

Tools, cutlery and electro goods:—Horse clippers, hair clippers, apple pickers' nickers, pliers (various), bits (various), gimlets, files (various), callipers and dividers, vices, sheep shears, farrier's nippers, nail pullers, ratchets, saws (various), saw sets, fret saws, spanners, table knives, pocket knives, razors, scissors, mason's trowels, sheep ear markers, combination tools, rules, hammers, augers, screw drivers, chisels, rakes, hoes, choppers, spades, matchets, planes and plane cutters, gauges, chucks, chain pipe wrenches, bolt clippers, spoons and forks, cruets.

Hardware; enamel goods; aluminium ware, &c.:—Enamel toilet sets, dinner carriers, coffee pots, basins, mugs, cups and saucers, rice and soup plates, kettles and tea pots, saucepans; aluminium basins, plates, mugs, kettles, saucepans, frying-pans, cullenders, fish kettles, strainers; nails and screws, coat and hat hooks; lamps (hurricane, table and hanging); blow lamps; oil and spirit stoves; spring bolts, locks and hinges, hasps and staples, latches; brass taps and unions, door and drawer handles, window fasteners, table bells, awls, dog chains, split rings, corkscrews, tin openers, coffee mills, stocks and dies, cloth cutters, punches, spring balances, family weighing scales, tinned and wire goods (miscellaneous), rat traps, magnets, rules, bag hooks.

Haberdashery (hard):—Buttons (metal, bone, covered and celluloid), press studs, studs, needles and pins, hatpins, hooks and eyes, buckles, eyelets, thimbles, button hooks, crochet hooks, measure tapes.

Miscellaneous:—Brushes (hair, tooth, paint, clothes); sash tools; sewing machines; clocks; musical instruments (mouth organs, concertinas, accordeons, tin whistles, violin strings); hats (felt, woollen and cotton caps, fez caps); stationery (note paper, envelopes, note books, pens, pencils, erasers, &c.); cigarette papers; dyes; twine and yarns; toys; soaps; scents and pomades.

Fancy and leather goods:—Purses and handbags, purse frames, puff boxes, tobacco boxes, belts (leather, cotton and elastic), umbrellas, Kaffir truck, mirrors, glass bangles, cheap jewellery, paper matting, celluloid and vulcanite goods.

Glassware and crockery:—Cups and saucers, fancy tea sets, tea pots, jugs, mugs, basins, plates, rice dishes, sugar basins, ornaments, lamp glasses, bottles, tumblers, wine glasses, churns.

Textiles:—Woollen and cotton piece goods, suitings and coatings, shawls, hose and half hose, underwear, blankets, cotton prints, tea cloths and d'oyleys, silks and velvets, silk shawls and wraps, children's ready-made clothing, dress shirts, bathing costumes, cotton and silk velvets, velveteens, tweeds, venetians, flannel and flannelette, woollen tissues.

Haberdashery (soft):—Wools, fabric gloves, cotton and fancy threads, fancy galoons, braids, trimmings and edgings, lace, lace edgings and nets, Barmen and embroidered laces.

The samples have been received from the following British Dominions, Possessions, Protectorates, &c.:—

British India, Ceylon, Canada, Australia, New Zealand, Union of South Africa, East Africa Protectorate, Zanzibar, Nigeria, Sierra Leone, Gold Coast, Gambia, Barbados, Trinidad, Dominica, Windward Islands, Bermuda, British Guiana, Straits Settlements, Wei-hai-wei, Fiji, Malta, and Cyprus.

Samples will also be on view which have been received from the following foreign countries:—

Russia, Spain (Corunna), Italy, Corfu, Algiers, Morocco, Madeira, Lourenço Marques, Loanda, United States of America (Philadelphia), Guatemala, Brazil, China, Manchuria, Chinese Turkestan, Siam, New Caledonia, &c.

EXHIBITION OF GERMAN CATALOGUES IN LONDON.

In order that British manufacturers may have an opportunity of familiarising themselves with German methods of publicity, the Board of Trade have collected over 3,000 specimen catalogues of German origin, and these may be inspected at the Foreign Samples Section of the Commercial Intelligence Branch, 32, Cheapside, London, E.C.

A complete index has been prepared, in which the catalogues are classified both as regards articles of manufacture and names of manufacturers, thus rendering identification of any particular catalogue a simple matter.

Copies of the index may be obtained by United Kingdom manufacturers on application to: The Director, Commercial Intelligence Branch of the Board of Trade (Foreign Samples Section), 32, Cheapside, London, E.C.

Arrangements have been made whereby catalogues may be lent for a few days to United Kingdom firms established in the Provinces.

GOVERNMENT NOTICES AFFECTING TRADE.

ENEMY FIRMS IN NEUTRAL COUNTRIES.

Additions to Statutory List* of Firms in Neutral Countries with whom Trading is prohibited—Argentina and Uruguay, Brazil, Ecuador, Peru, all Countries in Central and South America, Netherlands, Netherlands East Indies, Philippine Islands, Portugal, and Spain.

At the Council Chamber, Whitehall, the 24th day of March, 1916.

By the Lords of His Majesty's Most Honourable Privy Council.

WHEREAS His Majesty was pleased, in exercise of the power in that behalf conferred on Him by Section 1, Sub-section 1, of the Trading with the Enemy (Extension of Powers) Act, 1915, by a Proclamation dated the 29th day of February, 1916,† to prohibit all persons or bodies of persons, incorporated or unincorporated, resident, carrying on business, or being in the United Kingdom from trading with any of the persons or bodies of persons mentioned in the List contained in the said Proclamation:

And whereas by Section 1, Sub-section 2, of the said Act, it is provided that any List of persons and bodies of persons, incorporated or unincorporated, with whom such trading is prohibited by a Proclamation under the said Act may be varied or added to by an Order made by the Lords of the Council on the recommendation of a Secretary of State, such List as so varied or added to, being in the said Proclamation referred to as the "Statutory List":

And whereas the List contained in the said Proclamation was amended by an Order of Council dated the 16th day of March, 1916:

And whereas there was this day read at the Board a recommendation from the Secretary of State for Foreign Affairs to the following effect:—

> That the List of persons and bodies of persons, incorporated or unincorporated, with whom trading is prohibited by the Proclamation dated the 29th day of February, 1916, as amended by the Order of Council of the 16th day of March, 1916, should be further amended by the addition of the names set forth in the Schedule hereto.

Now, therefore, Their Lordships, having taken the said recommendation into consideration, are pleased to order, and it is hereby ordered, that the same be approved.

*NOTE.—The list for each country is sent by telegraph to His Majesty's Representative in that country, who will notify British Consular Officers, to whom persons abroad may apply for information as to names on the list.

† See pp. 607-617 of the "Board of Trade Journal" of 2nd

Government Notices affecting Trade.

Whereof the Right Honourable Sir Edward Grey, Bart., K.G., one of His Majesty's Principal Secretaries of State, the Controller of the Foreign Trade Department, and all other persons whom it may concern, are to take notice and govern themselves accordingly.

ALMERIC FITZROY.

SCHEDULE.

ADDITIONS TO LIST.

ARGENTINA AND URUGUAY.

Allgemeine Elektricitäts Gesellschaft.
Barth, Eugenio & Company.
Bernitt, Rodolfo.
Bonino & Schroeder.
Bottini, Oscar.
Brauss Mahn & Company.
Clarfeld Federico & Company.
Clausen & Company.
Delfino Brothers (Delfino Hermanos).
Dorner, Arturo.
Dorner & Bernitt.
Gasmotorenfabrik Deutz.
German Coal Depôt Company (Deutsches Kohlen Depôt).
Hamburg-American Steamship Company.
Hamburg-South American Steamship Company.
Hansa Line.
Hardt Engelbert & Company.
Hardt, E. & W., & Company.
Kropp & Company.
Lagemann, F., & Company.
Lahusen & Company.
Lasker & Company.
Marquez, Jose C.
North German Lloyd.
Orenstein & Koppel.
Osten & Cia.
Rabe, Margarita N. de.
Rabe, Otto.
Rabe, Walder & Cia.
Raplmeyer, C. C.
Rhodius & Company.
Roehrs, E., & Company.
Staudt & Company.
Strothbaum, Felix.
Strothbaum, G. M. O.
Velazco, Pedro.
Vilmar, Rimplar & Company.
Wagenknecht & Company.
Walder, Enrique.

BRAZIL.

Arp & Company.
Bayer, Frederico & Company.
Behrmann & Company.
Bellingrodt & Meyer.
Berringer & Company.
Bockmann, A., & Company.
Bromberg & Company.
Bromberg, Hacker & Company.
Casa Allema (Wagner Schadlich & Company).
Companhia Commercial.
Costa Almeida, M.
Costa, Ferreira.
Dannemann & Company.
Dauch & Company.
Diebold & Company.
Domschke & Company.
Engel-Fritz.
Engelhardt, Carlos.
Fischer-Christino.
Fonseca & Company.
Fraeb & Company.
Friedrichs & Timmans.
Gasmotorenfabrik Deutz.
Griesbach-Max.
Hoepcke, Carl, & Company.
Hoffman, Rudolf W. H.
Jannowitzer Wahle & Company.
Krause, Irmaos & Cia.
Landy, Carlos von.
Lemcke, Carlos & Co.
Magnus, James, & Company.
Martin, Luiz.
Meyer, Irmaos & Company.
Noronha, Carlos de.
Ohliger & Company.
Ornstein & Company.
Overbeck, W.
Poock & Company.
Pralow & Company.
Rombauer & Company.
Schneider & Company.
Schoenn, Roberto, and Company.
Scholz, Manaos.
Semper & Company.
Sinner, Alfredo.
Steiner, Martin & Company.
Studer, J., & Company.
Suerdieck & Company.
Teltscher & Company.
Trommel, A., & Company.

Urban, Eugen & Company.
Vasconcellos, Jose de, & Company.
Vianna, Elyseo.
Wagner, Schadlich & Company.
Whitaker, Ernesto, & Company.
Wille, Theodore, & Company.

ECUADOR.

Borchert, W.
Bunge, Julio.
Dehmlow, Alfred.
Duve, Federico.
Enrich, Miguel.
Grim, Juan.
Grimmer, Karl.
Guzman, L. é Hijos.
Heinert, Leonard.
Jeremias, L.
Jeremias & Borchert.
Jungnickel, W.
Jungnickel & Loose.
Kaiser, Guillermo.
Koppel, Samuel.
Kruger, Juan H.
Kruger & Company.
Loose.
Luders, Carlos.
Moller, Herman.
Poppe, Adolfo.
Rickert, Carlos.
Rickert, Edward.
Rickert, Enrique.
Rickert & Company.
Rischanek, Max.
Urban, Gustavo.
Zohrer, Adolfo.

PERU.

Brahm y Cia.
Casa Grande Zuckerpflanzen Aktien Gesellschaft.
Emmel, Hermanos.
Gildemeister, Siegfried.
Gildemeister & Company.
Gulda, F. & Company.
Hardt, Engelbert & Co.
Hardt, E. & W., & Co.
Hassler & Michaelson.
Hilman.
Justus, W.
Kling, S. & Company.

Knell, H.
Oeschsle, A. F.
Weibe, F. & Company.
Weibe, S.
Welsch, G. y Cia.

ALL COUNTRIES IN CENTRAL AND SOUTH AMERICA.

German Coal Depôt Company (Deutsches Kohlen Depôt).
Hardt, Engelbert & Co.
Hardt, E. W. & Co.
Staudt & Co.

NETHERLANDS.

Wiegman's Bank, Amsterdam.

NETHERLANDS EAST INDIES.

Adler, Warenhuis, Sourabaya.
Auerbach, H., Oxe & Co., Sourabaya.
Barmer Export Gesellschaft, Batavia.
Behn Meyer & Co., Limited, Batavia and Sourabaya.
Biedermann & Co., Samarang and Sourabaya.
Braunschweigsche Maschinenbauanstalt, Sourabaya.
Breitfeld Danek & Co., Sourabaya.
Eckstein, P., Medan and Palembang.
Ehrlich, S., Medan and Palembang.
Erdmann & Sielcken, Samarang, Batavia, and Sourabaya.
Giesbers & Rosenkrantz, Sourabaya.
Goldenburg & Co., Medan and Palembang.
Guntzel & Schumacher, Handelsmaatschappij, Medan, Palembang, and Sumatra.
Hennemann, R., & Co., Dutch Borneo and Batavia.
Hinlopen, K., & Co., Sourabaya.
Katz, S., & Co., Medan and Palembang.
Kehding, F., Medan and Palembang.
Kolner Handelsgesellschaft, Sourabaya.
Koppel, Arthur, Sourabaya.
Ledeboer, W. B., & Co., Macassar, Menado, and Gorontalo.
Liebenschutz & Co., Samarang and Sourabaya.
Lind, J. A., Handelsvereeniging, Medan, Palembang, and Sumatra.
Louvre, Sourabaya.
Mohrmann & Co. (Handelsvereeniging Voorheen J. Mohrmann), Macassar.
Naessens & Co., Sourabaya and Medan.
Ong Kek Chia, Batavia.
Ong Kek Siang, Batavia.
Ong Seng Kwie, Batavia.
Orenstein & Koppel, Sourabaya.
Ott, E., Medan and Palembang.

Pang Kie Ngan, Batavia.
Prottel & Co., Sourabaya.
Reichler & Co., Medan and Palembang.
Schlieper, Carl & Co., Samarang.
Siemens & Halske Allgemeine Gesellschaft, Sourabaya.
Siemens Schuckert Werke, Sourabaya.
Société Coloniale Indo-Belge, Batavia.
Sourabaya Oliefabriek, Sourabaya.
Straits und Sunda Syndikat, Batavia.
Valk, G. H., Macassar.
Wolf & Petschek, Sourabaya and Samarang, and Java.

PHILIPPINE ISLANDS.

Behn, Meyer & Co., Limited, Manila.
Fressel & Co., Manila.
Froehlich & Kuttner, Iloilo.
Germann & Co., Manila.
Hashim, N. T. & Co., Manila.
Manila Import Co. (Basmarina 107), Manila.
Richter, Adolpho & Co.
Roensch, Alfred & Co.
Santos & Jahrling (Botica de Santa Cruz), Manila.
Schmidt & Ziegler (David 64), Manila.
Schulz & Co., Manila.
Secker & Co. (Seckers Store), Manila.
Stahl & Rumcker, Manila.
Struckmann & Co. (S. Vincenta 65), Manila.
Viegelmann & Co., Manila.

PORTUGAL.

Allgemeine Electricitäts Gesellschaft (Thomson Houston Iberica), Rua Candida Dos Reis, 100, Oporto.
d'Almeida, A. Nicolau & Co., Limitada, Rua Serpa Pinto, Villa Nova de Gaya, Oporto.
Caldeira Ignacio & Co., Funchal, Madeira.
Camacho, L. F., Funchal, Madeira.
Edelheim & Co., Travessa dos Congregados, Oporto.
Ernst, George, Successors, Rua da Prata, 8, Lisbon.
Guedes, Eduardo; Guedes, Felisberto, Rua Augusta, 124, Lisbon.
Höfle, Adolph, & Co., Rua do Ferreira Borges, Oporto.
Jacobi, N., & Co., Rua Nova Alfandega, 76, Oporto.
Kendall, Vasconcellos & Passos, Lim., Galleria de Paris, 11, Oporto.
Martins & Galla, Limitada, Largo de S. Domingos, 11, Lisbon.
Marum, Wm., Funchal, Madeira.
Mendes, Jose, Oporto.
Pfeill, Emil, Rua Formosa, 400, Oporto.
Reinhardt, Ricardo, Rua da Alfandega, 118, Lisbon.

Rothes, Carlos, Rua de Bellomonte, 89, Oporto.
Schmidt, A., Funchal, Madeira.
Schmieder, Oswald, Rua Nova Do Almada, 11, Lisbon.
Schimmelpfeng & Co., Rua de Santa Justa, Lisbon; Rua das Carmelites, 100, Oporto.
Siemens Schückert Werke, Limitada, Rua Augusta, 27, Lisbon.
Silva, Francisco Eduardo Moreira da, Avenida Casal Ribeiro, 17-3, Lisbon.
Sociedade Insulana De Transportes Maritimos, Limitada, Funchal, Madeira.
Streit, Otto Von, Funchal, Madeira.
Stuve, W., & Co., Rua de Infante D. Henrique, 75, Oporto.
Taylor, Filippe, Rua Vieira da Silva, 19, Lisbon.
Timm, Charles, Rua da Prata, 8, Lisbon.
Van Perlstein & Co., Rua de Conceição, 70, Lisbon.
Waltz, F., Funchal, Madeira.
Wald, G., Rua de S. Francisco, 4, Oporto.
Wegehenkel, Arthur, Rua das Condominhas, Oporto.
Weinstein, Martin, & Co., Rua do Commercio, 49, Lisbon.
Wiedemann, Max & Co., Rua da Prata, 108, Lisbon.
Wimmer, J., & Co., Rua da Magdalena, 45, Lisbon.
Wischmann, Otto, Largo do Corpo Santo, 6, Lisbon.
Worm, Luiz B., Rua da Afandega, 160, Rua da Prata, 133, Lisbon.
Ziems, Otto, Rua do Commercio, 99, Lisbon.

SPAIN.

Agencia Maritime Hering, Dormitorio San Francisco, 7, Barcelona.
Allgemeine, Erzgesellschaft, Seville.
Amann & Wendel, Rambla de Catalena, 20, Barcelona.
Baquera Kusche y Martin, Seville.
Behn, Enrique, Valencia.
Bender, Hijos de H. A., San Feliu de Guixols, Barcelona.
Beutel, Edmundo, Calle Pascual y Genis, 19, Valencia.
Bonsoms & Co., Tarragona.
Brauner, Hugo, Barco, 6; Calle Colon, 86, Valencia.
Buckard, Julie, Alicante.
Cano, Emilio, Valencia and Alicante.
Continental Tyre Company, Madrid.
Drack, Otto, Alicante and Valencia.
Eden Bede, Barcelona.
Engelhardt, Otto, San Pablo, 30, Seville.
Feustel, Otto, Barcelona.
Gaissert, Emilio, & Co., Calle Princessa, 61, Barcelona.
Gottschalk, Hermanos, Bailen, 27, Barcelona.
Grosch, Federico, Barcelona.
Guardiola, Juan, Alicante.
Hamm, Luis S., Rambla de Cataluna, 35, Barcelona.
Hartmann, Pablo, Valencia and Cortes, 591, Barcelona.

Haasenstein & Vogler, Rambla Capuchinos, 15, Barcelona.
Hengsternberg, Hermann, Seville.
Korting, Sociedad Española, Pl. Palacio, 11, Barcelona.
Lainez, Hijos de Evelio, Cadiz.
Lasschutza, Oscar, Vigo.
Lehmann & Co., Consejo Ciento, 159, Barcelona.
Lence, Carlos, Calle Colón, 13, Valencia.
Lenher, Amande, Alicante.
Marten, Martin, Adriano, 38, Seville; Calle Cortes, 604, Barcelona.
Medem, Otto, Barcelona and Valencia.
Meyer y Bacharach, Calle Serano, Grao de, Valencia.
Monguio y Scharlau, Calle Aragón, 219, Barcelona.
Muller, Alfred, Palma.
Muller, Hugo, Seville.
de Neufville, Sucesor de J., Santa Teresa, 8 and 10, Barcelona.
Robert, Sucesores de Juan, Alicante.
Schimmelpfeng's Information Agency, Madrid.
Sociedad Vinicola, Tarragona.
Soujol, Carlos, Villamari, 25, Barcelona.
Teschendorff, Steiner & Co., Travessa S. Vincente and Calle Peana, 25, Valencia.
Wertheim, Carlos, Calle Avino, 9, Barcelona.
Winter, Emilio, Calle General Menacho, 9, Cadiz.

ENEMY FIRMS ON STATUTORY LIST.

Instructions as to Licences.

The Controller of the Foreign Trade Department desires to call the attention of firms engaged in foreign trade to the Royal Proclamation containing a Statutory List of firms of enemy nationality or association with whom all dealings by persons carrying on business in this country are prohibited.

This List will be supplemented and revised from time to time. Transactions with persons on the Statutory List are prohibited subject to the same penalties as transactions with firms in enemy countries, except in cases where a general or special licence has been granted, permitting the transaction.

Any application for a licence should be addressed to the Controller, Foreign Trade Department, Lancaster House, St. James, S.W.

In making application for licences it is requested that the following particulars may be given in each case :—

1. The name and address of the applicant.
2. The name and address of the buyer.
3. The date of the order of the goods.
4. The nature of the goods in question.
5. The prospective date and port of shipment; if ready for shipment marks and numbers should be given, and the name of the actual consignee.

6. Whether the goods are season goods, and if so when the season for them commences.
7. All other current orders from the same buyer.

The envelope should be marked "Application for licence."

[N.B.—The text of the "Trading with the Enemy (Neutral Countries) Proclamation, 1916," appeared on pp. 607-617 of the issue of the "Board of Trade Journal" of 2nd March. Certain additions and alterations in the Statutory List were published on pp. 848-50 of the "Journal" of 23rd March, and further additions are announced in the immediately preceding notice. Any further additions or alterations which may be made will be duly notified in the "Board of Trade Journal."]

CONSIGNMENT OF GOODS TO H.M. CONSULS ABROAD.

The attention of the Board of Trade has been called to a practice on the part of shippers of consigning their goods to His Majesty's Consular Officers stationed in different parts of the world, and sending to them bills of lading and invoices, for delivery to third parties. As it is impossible for His Majesty's Consular Officers to undertake work of this character, goods should in no circumstances be consigned to them unless the senders are expressly so authorised or directed by His Majesty's Government.

EXPORTS TO DENMARK.

Notice to Exporters and others.

The following announcement has been issued by the Board of Customs and Excise :—

The Board of Customs and Excise hereby give notice that on and after the 3rd April, 1916, shipment of goods for Denmark (other than goods entered for shipment under the authority of a Privy Council Licence) will not be allowed unless the exporter or his agent produces to the proper Officer of Customs and Excise, at the time of making entry before shipment, a guarantee given in the prescribed form on behalf of the prospective consignee in Denmark by the Merchants' Guild of Copenhagen or by the Danish Chamber of Manufacturers.

The Board of Customs and Excise further give notice that a guarantee so given and produced will not be accepted by the Customs Authorities as covering shipment by instalments of the goods referred to in such guarantee, and that, if only a part of the goods covered by such guarantee be entered for shipment, a fresh guarantee must be obtained and produced before shipment of the balance of the goods can be allowed.

By order of the Board,

J. P. Byrne.

E. C. Cunningham.

Government Notices affecting Trade.

TRADE WITH CHINA AND SIAM.

The "London Gazette" of 24th March publishes further names of firms in *China* additional to the lists of approved consignees in China and Siam which were published in the Third Supplement to the "Gazette" of 22nd February.

The issue of the "Gazette" referred to may be obtained, price 1s. 0½d., post free, from Messrs. Wyman & Sons, Ltd., Fetter Lane, London, E.C.

The revised lists of approved consignees in China and Siam may be consulted by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

[N.B.—The white list of approved consignees in China does not apply to firms in Hong Kong—see notice on p. 310 of the "Board of Trade Journal" of 3rd February, and also the issue of the "Journal" of 18th March, 1915, p. 777, regarding the winding-up of the trade affairs of enemy firms in Hong Kong.]

FURTHER RESTRICTIONS ON IMPORTATION.

The Board of Trade give notice that a Proclamation will shortly be issued prohibiting as from 30th March the importation of the undermentioned goods into the United Kingdom except under licence.

Licences will in general be granted in respect only of goods *en route* for the United Kingdom or goods actually purchased (*see below*) at the date of issue of this notice (24th March). All applications for licences and all enquiries on the subject of these prohibitions should be addressed to the Controller, Department of Import Restrictions, 64, Victoria Street, Westminster, London, S.W.

List of Goods referred to:—

Baskets and basket ware (except baskets and basket ware of bamboo);
Cement;
Chinaware, earthenware and pottery, not including cloisonné wares;
Cotton yarn, cotton piece goods and cotton manufactures of all kinds, except hosiery and lace;
Cutlery;
Fatty acids;
Furniture, manufactured joinery, and other wood manufactures, except lacquered wares;
Hardware and hollow-ware;
Oilcloth;
Soap;
Toys, games and playing cards;
Wood and timber of the following kinds, viz.:—beech, birch, elm and oak;
Woollen and worsted manufactures of all kinds except yarns.

The Board of Trade desire to make it clear that the expression "goods actually purchased" in the above notice refers solely to goods the purchase of which had been completed by payment.

Government Notices affecting Trade.

TRADING WITH THE ENEMY AMENDMENT ACT, 1916.

Enemy Businesses to be Wound Up.

Orders have been made by the Board of Trade requiring the undermentioned businesses to be wound up:—

63. Atlantica Co., Limited, 54, Billiter Buildings, Billiter Street, London, E.C. Steamship Agents and Brokers. *Controller:* B. E. Mayhew, Alderman's House, Bishopsgate, London, E.C. 20th March, 1916.
64. C. Happach and Co., Limited, 27, Mincing Lane, London, E.C. Sugar Brokers and Merchants. *Controller:* A. P. Ford, 4B, Frederick's Place, Old Jewry, London, E.C. 20th March, 1916.
65. Fiume Starch Co., Limited, 13, Crutched Friars, London, E.C. Starch Merchants. *Controller:* George R. Freeman, 66, Coleman Street, London, E.C. 20th March, 1916.
66. United Berlin and Frankfort India Rubber Co., Limited, 11A, Upper Thames Street, London, E.C., Manufacturers of India Rubber Goods, &c. *Controller:* P. D. Leake, 25, Abchurch Lane, King William Street, London, E.C. 20th March, 1916.
67. Knoll and Co., Limited, 8, Harp Lane, Great Tower Street, London, E.C. Manufacturers of Fine Chemicals, &c. *Controller:* T. J. Bond, 48, Gresham Street, London, E.C. 20th March, 1916.
68. Langbein Pfanhauser Works, Limited, 23, Great Hampton Street, Birmingham, Electro Platers, Chemists and Engineers. *Controller:* William Randle, 4, Waterloo Street, Birmingham. 20th March, 1916.
69. Ship Carbons, Limited, 5, Chancery Lane, London, E.C. Dealers in Carbons for Electric Lamps. *Controller:* William Hancock, 90–91, Queen Street, Cheapside, London, E.C. 23rd March, 1916.
70. German Athenæum, Limited, 29, Mincing Lane, London, E.C. A Club. *Controller:* Claude Cross Campling, 4B, Frederick's Place, Old Jewry, London, E.C. 23rd March, 1916.
71. Schoen Brothers, 29–30, Cock Lane, Snow Hill, London, E.C. Agents for the supply of Electrical Goods. *Controller:* John William Barratt, 19A, Coleman Street, London, E.C. 23rd March, 1916.
72. Fischer Ball and Bearings Co., Carlton House, High Street, Birmingham, Manufacturers of Ball Bearings. *Controller:* Howard Heaton, 95, Colmore Row, Birmingham. 23rd March, 1916.
73. The Fischer Machine Co., 22, Scrutton Street, London, E.C. Commission Agents and Dealers in Machines for use in

Printing Trade. *Controller:* Arthur Peyton Ogden, 56, Moorgate Street, London, E.C. 27th March, 1916.

74. Fonotipia, Limited, 1, Broad Street Place, London, E.C. Manufacturers of Gramophones, &c. *Controller:* Charles E. Fletcher, 14, George Street, Mansion House, London, E.C. 23rd March, 1916.

75. Carl Lindstrom (London) Limited, 77, City Road, London, E.C. Manufacturers of Gramophones and Records, &c. *Controller:* Charles E. Fletcher, 14, George Street, Mansion House, London, E.C. 23rd March, 1916.

[The text of the Trading with the Enemy Amendment Act, 1916, appeared on pp. 377–383 of the "Board of Trade Journal" of 10th February; the businesses mentioned above are additional to those noted on pp. 620–1 of the "Journal" of 2nd March, p. 692 of the "Journal" of 9th March, pp. 774–5 of the "Journal" of 16th March, and pp. 852–4 of the "Journal" of 23rd March.]

PROHIBITION OF THE PURCHASE AND SALE OF RUSSIAN FLAX.

In pursuance of the powers conferred on them by Regulation 30A of the Defence of the Realm (Consolidation) Regulations, 1914, the Army Council give notice that the Order published in the London Gazette on the 28th January, 1916, prohibiting the purchase and sale of Russian flax or tow in stock in the United Kingdom is hereby extended to the purchase and sale of Russian flax or tow wherever situate.

The Order as amended is therefore as follows:—

"No person shall from the date of this Order until further notice buy, sell or deal in dressed or undressed Russian flax or tow except under Licence from the *War Department.*"

Correspondence relating to this Order should be addressed to the Director of Army Contracts, Raw Material Section, Imperial House, Tothill Street, S.W.

[N.B.—This notice is published in correction of that which appeared on p. 860 of last week's issue of the "Board of Trade Journal," in which reference was made to the War Trade Department *instead of to the War Department, as above.*]

ROYAL COMMISSION ON SUGAR SUPPLIES.

With reference to the notice on p. 810 of the "Board of Trade Journal" of the 24th September, 1914, relative to the appointment of the Royal Commission on Sugar Supplies, it is notified in the "London Gazette" of the 28th March that Henry Fountain, Esq., C.M.G., Assistant Secretary of the Commercial Department of the Board of Trade, has been appointed a Member of the Royal Commission, in the room of Sir George Stapylton Barnes, K.C.B., resigned.

Government Notices affecting Trade.

GOVERNMENT WAR RISKS INSURANCE.

The Board of Trade announce that as from Monday next (3rd April) the Government Office for the insurance of ships' cargoes against War Risks will adopt a new method of dealing with these insurances, which will effect a considerable saving of clerical work and at the same time be of advantage to merchants and brokers in the expedition of their business. At present a policy covering War Risks is issued for each insurance. Under the new system separate policies will no longer be issued, but a "floating policy" for a very large amount will be effected and kept at the Government Office, and the "Slips," *i.e.*, the detailed applications for insurance, will be themselves validated as certificates entitling the holders to the benefit of the floating policy. Printed explanations may be obtained at the War Risks Insurance Office, 33-36, King William Street, E.C.

LOSS OF MAILS ON SS. SUSSEX.

The Postmaster-General announces that the mails which were on board the "Sussex" were as follows:—

Mails for France containing letters, newspapers, &c. which reached the General Post Office, London, between 6 p.m. on 23rd March and 6.30 a.m. on 24th March.

Mails for Malta containing letters, newspapers, &c. which reached the General Post Office, London, between 6 p.m. on 22nd March and 6.30 a.m. on 24th March.

Mails for Cyprus, Egypt, Aden, British Somaliland, British East Africa, Zanzibar, Seychelles, Mauritius, India, Persian Gulf Ports, Malay States, Straits Settlements, North Borneo, Sarawak, Siam, Manila, Netherlands East Indies, Ceylon, Australia and New Zealand containing all registered letters which reached London between the morning of Monday, 20th March, and the morning of Friday, 24th March, and all ordinary letters for those destinations which reached London between Wednesday morning, the 22nd, and Friday morning, the 24th March, also a few newspapers.

Mails for the Indian Expeditionary Forces elsewhere than in France containing letters, newspapers, &c. which reached London between Tuesday night, the 21st, and Thursday night, the 23rd March, and a few bags of mails for the Headquarters Establishments of the Mediterranean Expeditionary Force (General Headquarters, Headquarters of Brigades, Divisions, &c.) containing correspondence which reached London after Saturday evening, 18th March, and up to Thursday night.

There were no parcel mails on board.

So far as is known at present about one-half of the mails has been lost, but no definite information has yet been received as to which bags have been recovered.

Registration or insurance with the Post Office does not cover losses due to the acts of the King's enemies, and the Postmaster-General is accordingly unable to entertain any claims arising out of the loss of mails on the "Sussex."

CIRCULATION OF INDIAN RUPEES IN EGYPT.

A Supplement to the Egyptian "Journal Officiel" of 6th March publishes a Decree of the same date, under which, owing to the shortage of silver currency, the Indian rupee is provisionally made legal currency in Egypt. The Decree fixes the value of the rupee at 65 millièmes of the Egyptian pound (1,000 millièmes = £ E. = £1 0s. 6¼d.).

[A notice appeared on p. 778 of the "Board of Trade Journal" of 16th March, regarding the authorisation of the circulation of British shillings and florins in the Sudan.]

FOREIGN GOVERNMENT NOTICES AFFECTING TRADE.

ENEMY BUSINESSES IN RUSSIA UNDER LIQUIDATION.

Notice to Creditors.

With reference to the notice on p. 864 of the "Board of Trade Journal" of 23rd March, and to previous notices, relative to enemy businesses in Russia under compulsory liquidation, H.M. Commercial Attaché at Petrograd (Mr. H. Cooke) has forwarded a further list of enemy businesses in respect of which Boards of Liquidation are inviting claims from creditors.

The list referred to, together with the five previous lists, which contain the dates of the separate official notifications concerning claims, and the address of the Board of Liquidation appointed in respect of each business, may be consulted by British firms interested at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

H.M. Commercial Attaché further reports that an official notice has been published in the "Novoe Vremya" (Petrograd) announcing that the property and capital of the "Russian Possell Works Company in Petrograd" has been confiscated and transferred to the Crown, and will henceforth be styled "The Petrograd Military Horseshoe Works."

[*Note.*—Particulars as to the period within which claims must be submitted and the manner of their submission, &c. appeared on pp. 669-70 of the "Journal" of 9th December.] (C. 10,666.)

NEW INDUSTRIES IN ITALY EXEMPTED FROM CERTAIN TAXES.

With reference to the notice on p. 805 of the "Board of Trade Journal" of 16th March, relative to an Italian Royal Decree granting exemption from customs and octroi duties of machinery and building materials for new industries in Italy, it is to be noted that Article 2 of the Decree, a translation of which has been received by the Board of Trade from H.M. Embassy at Rome, provides that during the first

five years of their effective working, the receipts of the new industrial establishments set up to manufacture goods not previously produced in Italy, or devoted to new industrial undertakings, are not to be subject to income tax. During the same period the manufactures wholly turned out by such industrial plants, or on which they are permanently engaged, will also be exempt from any tax or supertax.

(C. 9,613.)

ENEMY FIRMS SEQUESTERED IN COCHIN-CHINA.

The "Journal Officiel" (Paris) of 21st March publishes the names of eight German, Austrian or Hungarian firms in Saigon, Cochin-China, whose goods have been sequestered under the provisions of the Decree of 27th September, 1914, together with the names of the administrator appointed.

The issue of the "Journal" referred to may be consulted by United Kingdom firms interested at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

REAL ESTATE DUTY IN URUGUAY.

Increased Duty payable by Owners not domiciled in the Republic.

The "Diario Oficial" (Montevideo) of 31st January publishes a Decree providing that owners of real estate who are not domiciled in the Republic shall pay in respect of their property double the amount of duty to which they would be liable were they domiciled in the country. This increase will also have to be paid by owners domiciled in the Republic who have been absent for more than a year.

Foreign industrial or commercial enterprises established under concession by the State, however, will not be required to pay the additional duty in respect of property in connection with the industry or commercial object of the concession. As regards enterprises not established under State concession, these will be considered as domiciled abroad when their principal seat of business is abroad.

EXTENSION OF MORATORIUM IN PARAGUAY.

With reference to the notice on p. 748 of the "Board of Trade Journal" of 16th December relative to the Moratorium in Paraguay, H.M. Chargé d'Affaires at Asunción reports the promulgation of a new Law, which will remain in force until 31st December, 1917, providing for the payment of interest and for the gradual amortisation of debts. It is understood that some of the terms employed in the Law will be explained in other financial measures which have not yet received the sanction of the Paraguayan Congress.

H.M. Chargé d'Affaires has forwarded a translation of the Law above referred to, which may be consulted by United Kingdom firms interested at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (C. 10,643.)

UNITED KINGDOM TRADE WITH AUSTRALIA.

Visit of H.M. Trade Commissioner.

In accordance with the practice that has been established for H.M. Trade Commissioners in the British Self-Governing Dominions to visit the United Kingdom officially from time to time, so that manufacturers and merchants may have the opportunity of consulting them on any matters connected with their business, or of obtaining information as to the possibilities of extending their trade, H.M. Trade Commissioner for Australia (Mr. G. T. Milne) is now in this country, and is interviewing (*by appointment*) representatives of firms who have expressed a desire to see him in London at the offices of the Commercial Intelligence Branch of the Board of Trade. Mr. Milne will attend at the offices of the London Chamber of Commerce on 17th, 18th and 19th April, and after Easter will visit those trade and industrial centres in the provinces which have been decided upon as most advantageous to visit in view of the applications that have been received from firms in or near those centres, and from Chambers of Commerce.

In order that appointments may be satisfactorily arranged, firms who may desire to have an interview with Mr. Milne are requested to make their applications as soon as possible. Such applications should be addressed to the Director, Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. The reference number (*C.I.B.* 4266/16) *should be quoted.*

H.M. Trade Commissioner's visit is particularly opportune at the present time, when United Kingdom manufacturers are attempting to capture trade hitherto done by enemy firms in Australia, and it is anticipated that a very large number of firms will wish to take advantage of this opportunity to consult him. Among the matters in Australia in regard to which he is prepared to give information and advice are the appointment of agents, methods of marketing and distribution, terms of payment, names of probable buyers of British goods, statistics of imports, and rates of Customs duties.

It may be stated that one of the principal duties of H.M. Trade Commissioners is to report to the Board of Trade promptly, and if possible in advance, any opportunities which may arise in the Dominions in the form of contracts open to tender, or in any other way for the development of British trade. The Commissioners also report to the Board periodically on the nature and extent of foreign competition and other matters of commercial interest, including changes in Customs duties and regulations, financial and trade conditions, changes in regard to means of transport, and legislation affecting trade and commerce; and they furnish periodically classified lists of importers and buyers in the Dominions. A good deal of the information so furnished is published by the Commercial Intelligence Branch in the "Board of Trade Journal," some is communicated to Chambers of Commerce likely to be specially interested and to those United

Kingdom firms whose names are inscribed in the Special Register of the Commercial Intelligence Branch (see notice on p. 926) and some—*e.g.*, lists of names of traders at particular places, detailed Customs regulations affecting particular matters, and similar information—is filed at the Commercial Intelligence Branch for the information of firms and persons interested who may apply, either personally or by letter.

The Trade Commissioners also reply to all enquiries which may be addressed to them by British manufacturers and merchants, but it is generally desirable that enquiries should be made first of the Commercial Intelligence Branch, which is often in possession of the information sought, and is thus in a position to save enquirers much delay. (C.I.B. 4,266.)

TRADE ENQUIRIES REGARDING MARKETS ABROAD.

The Commercial Intelligence Branch of the Board of Trade invites applications from manufacturers and exporters of United Kingdom goods who are desirous of extending their trade in markets abroad. Such applications should specify the countries for which information is desired, and indicate—

(*a*) The precise kind of goods about which the enquirer desires information, and

(*b*) The particular points in regard to which he especially wants to be informed.

Attention is directed to this matter because, if applicants would make their enquiries *more precise*, they would benefit by receiving more precise information. It would also be in their interest to state whether they have already succeeded in obtaining any trade in the countries in question, whether they are represented by agents there, and if so by whom, and whether they are satisfied with their representation.

Applicants for information may apply direct to H.M. Trade Commissioners and the Imperial Trade Correspondents in the Dominions, the correspondents of the Commercial Intelligence Branch of the Board of Trade in other parts of the Empire, and to H.M. Consular Officers in foreign countries, but it is generally desirable that they should apply, *in the first instance*, to the Commercial Intelligence Branch, 73, Basinghall Street, London, E.C., because by the adoption of this course much delay may be avoided in those cases in which the Branch is already in possession of the required information.

TRADE OF FOREIGN COUNTRIES AND BRITISH POSSESSIONS.

The following summary table has been prepared at the Board of Trade showing the total imports and exports of merchandise of the principal countries for which the particulars can be given up to December, 1915, inclusive, and referring in all cases to the same period, *viz.*, twelve months ended December. The corresponding figures for 1914 and 1913 are added for comparison :—

—	Imports (*see* NOTE). TWELVE MONTHS ended DECEMBER.			Exports (Domestic) (*see* NOTE). TWELVE MONTHS ended DECEMBER.		
	1913.	1914.	1915.	1913.	1914.	1915.
	£	£	£	£	£	£
France	363,853,000	256,087,000	*322,980,000*	275,209,000	194,753,000	*102,892,000*
Spain	52,202,000	40,879,000	*38,837,000*	42,305,000	34,711,000	*49,930,000*
Egypt‡	28,591,000	22,291,000	19,832,000	32,487,000	24,719,000	27,751,000
Japan‖	74,381,000	60,689,000	54,070,000	64,264,000	59,902,000	71,453,000
United States	373,458,000	372,766,000	370,541,000	510,059,000	431,470,000	726,253,000
British India	125,274,000	109,485,000	87,988,000	100,794,000	138,364,000	119,845,000
Canada	135,474,000	98,938,000	92,613,000	89,667,000	77,966,000	126,238,000
British S. Africa	43,699,000	36,796,000	32,954,000	27,388,000	17,923,000	15,249,000
United Kingdom	659,160,000	601,161,000	754,327,000	525,245,000	430,721,000	384,647,000

‡ Including bullion.

‖ Exclusive of trade with Taiwan (Formosa) and Chosen (Corea).

The latest figures available as regards other countries from which returns are received by the Board of Trade are as follow :—

—	Imports (*see* NOTE).			Exports (Domestic) (*see* NOTE).		
	1913.	1914.	1915.	1913.	1914.	1915.
	£	£	£	£	£	£
Russia* (11 months) ...	118,942,000	94,662,000	60,742,000	135,726,000	90,255,000	30,855,000
Italy† (10 months) ...	117,645,000	101,735,000	*103,978,000*	80,833,000	73,568,000	*74,784,000*
Brazil (11 months) ...	62,139,000	35,398,000	35,115,000	58,176,000	44,878,000	60,860,000
Argentina† (9 months) ...	*63,437,000*	*45,451,000*	*31,971,000*	79,325,000	53,889,000	89,125,000
Australia (11 months) ...	70,305,000	67,511,000	62,810,000	62,295,000	55,395,000	49,996,000
New Zealand (11 months)	§	19,358,000	18,783,000	§	21,989,000	26,055,000
	1912.	1913.	1914.	1912.	1913.	1914.
Switzerland (12 months)	76,056,000	74,354,000	*56,503,000*	54,104,000	54,826,000	47,311,000

* European, Russo-Finnish, and Black Sea Frontiers. † Including silver bullion.

§ Figures not available.

Note.—The foregoing figures are exclusive of bullion and specie, except where otherwise stated.

The values stated for the latest year shown are provisional and subject to rectification. In some cases all the values are those *declared* by importers or exporters, as in the United Kingdom ; in others they are based on an official schedule of values which is subjected to revision after the close of each year, the values used in the current returns being those fixed in the latest completed revision. In general, the values so fixed represent the level of prices in the preceding year. The countries adopting the system of official values annually revised

are :—France, Italy, Spain and (for imports) Switzerland. Exports from Switzerland are returned at "declared" values. *The figures in italics are based, wholly or mainly, on the prices of some earlier year than that under which they are shown.*

In the case of Russia, France, Switzerland, Italy, Egypt, Argentina, Japan, Canada, *and the United Kingdom*, the import figures given in the above summaries represent imports for home consumption. In all cases the export figures are intended to represent exports of domestic produce. In most cases, however, they include a certain amount of "nationalised" goods, *i.e.*, goods originally imported for consumption, and which, if dutiable, have been charged with duty, but which are subsequently re-exported.

For detailed particulars regarding the trade of the several countries, reference should be made to the "Accounts relating to the Trade and Commerce of certain Foreign Countries and British Possessions, including figures received up to 25th March, 1916," to be obtained (price 3½d., post free 5d.), either directly or through any bookseller, from Wyman & Sons, Ltd., 29, Bream's Buildings, Fetter Lane, London, E.C., and 54, St. Mary Street, Cardiff; or H.M. Stationery Office (Scottish Branch), 23, Forth Street, Edinburgh; or E. Ponsonby, Ltd., 116, Grafton Street, Dublin; or from the Agencies in the British Colonies and Dependencies, the United States of America, the Continent of Europe and Abroad of T. Fisher Unwin, Ltd., London, W.C.

CROP ESTIMATES IN ROUMANIA AND ARGENTINA.

The Board of Agriculture and Fisheries have received the following information from the International Institute of Agriculture at Rome :—

The area sown with winter wheat in **Roumania** is estimated at 4,862,000 acres, or 1·2 per cent. more than the corresponding area sown last season.

Revised estimates of the production of wheat, oats and linseed in **Argentina** in 1915-16 give the production of wheat at 92,493,000 cwts., of oats at 21,509,000 cwts., and of linseed at 19,633,000 cwts., or increases of 2·5 and 31·5 per cent. in the case of wheat and oats respectively, and a decrease of 11·4 per cent. in the case of linseed, as compared with the production last season.

METALS AND HARDWARE TRADE OF NEW ZEALAND IN 1914.

Mr. W. G. Wickham, lately H.M. Trade Commissioner for New Zealand, now H.M. Trade Commissioner for South Africa, has furnished the following particulars relative to imports of metals and hardware into New Zealand in 1914* :—

A feature of this large and important group of imports is the extent to which tariff assistance is given to United Kingdom goods, as compared particularly with the textile group. Of the total imports of all classes of goods into New Zealand in 1914, metals and hardware accounted for about one-eighth, but of the total imports *under the preferential tariff only*, metals and hardware accounted for nearly one-third.

The following table shows the value of imports of metals and hardware into New Zealand in 1914 under the new classification,* imports from the United Kingdom being especially distinguished :—

—	From United Kingdom.	From all Countries.
Under the Preferential Tariff.	£	£
Iron and steel—		
Bar, rod, and angle	222,035	228,944
Sheet (including G.C. sheets)	351,122	358,782
Pipes, cast and wrought	214,427	247,225
Rails	105,582	110,784
Hoop, nails, and n.o.e.	47,956	78,935
Wire and manufactures thereof	96,561	103,495
Hardware, tinware, and hollow-ware... ...	399,724	569,677
Cutlery and plate	120,348	132,551
Sundry hardware	109,075	170,661
Total	1,666,830	2,001,054
Under the General Tariff.		
Tools and implements	67,772	151,717
Sheet lead, brass, copper and tinplate ...	122,660	165,276
Wire and manufactures thereof	131,914	260,998
Bolts, nuts and rivets	54,233	59,216
Rail and tram tyres, &c.	34,949	40,357
Meters, gas, water, &c.	37,970	44,932
Sundry hardware	23,594	44,762
Total	473,092	767,258
Grand Total	2,139,922	2,768,312

From the above table it will be seen that the proportion of the imports supplied by the United Kingdom was over 77 per cent. It may be considered, therefore, that but little comment is necessary. It is worth noting, however, that if the large item of semi-manufactured iron and steel is considered apart, the proportion of imports supplied

* The New Zealand Government have recently remodelled their system of collecting and presenting trade statistics, and the figures upon which Mr. Wickham's report is based have only lately become available. Mr. Wickham writes that these figures for 1914 are of special interest and importance, inasmuch as they are the first to be compiled on the new system under which articles are classified in groups and the country of origin is shown. The figures are therefore the first trade statistics for New Zealand which are sufficiently detailed to be of real value *as an index of foreign competition.*

Metals and Hardware Trade of New Zealand in 1914.

by the United Kingdom is only 70 per cent. This hardly appears to be an adequate proportion in a trade of £1,750,000 when on more than half of it the United Kingdom has tariff preference. As regards semi-manufactured iron and steel, the United Kingdom supplied 94 per cent. of the total imports, and another 3 per cent. was supplied by Canada, but on a large proportion of the items included, such as girders, rails, bar iron, &c., there is an *ad valorem* duty of 20 per cent. against all foreign makes, so that it is remarkable that *all* the semi-manufactured iron and steel imported was not supplied by the British Empire.

By far the most unsatisfactory individual item is wire and wire manufactures of which only £228,000 worth out of £364,000 worth was imported from the United Kingdom in 1914. In wire rope and wire netting there was little or no competition with United Kingdom goods. Steel, copper and aluminium wire for electrical purposes, of which the Government are the chief buyers, were also bought almost entirely from the United Kingdom.

In cutlery and plate foreign competition has not attained very serious proportions. Such as it is it has hitherto been mostly German.

In sundry hardware and hollow-ware the trade was shared in as follows:—United Kingdom, £300,000; British Empire, £16,000; and foreign countries £154,000. The whole of this £154,000 worth of goods from foreign countries paid a surtax of 10 per cent. above the duty paid on British goods. The value of imports of German goods under this heading was £27,000, and the United States contributed no less than £115,000 worth. An important item, almost entirely supplied by the United States, was lawn mowers. United Kingdom manufacturers should realise that a man who has only 50 square yards of lawn will not buy an expensive mower, and that customers for cheaper mowers number hundreds for every one who possesses a tennis court or a bowling green which require a more expensive machine.

The heading tools covers a very large variety of goods, including artificers' tools, butcher's cleavers, picks, bee keepers' appliances, &c. The United States supplied just half of the total of imports under this heading in 1914. The American axe is still the most popular, but the American shovel has been virtually displaced. Germany's contribution in 1914 was only 4 per cent. of the total.

Among small items the following are worthy of notice:—In 1914 brass tubes were supplied by Germany, and brass sheet by France, Belgium, and the United States. Practically the whole of the imports of miners' safety lamps, including those purchased by the Government, came from Sweden. Imports of gold leaf and tin foil were very small, and Germany had a good proportion of the trade. Electric meters were also to some extent procured from Germany. The United States was the principal supplier of spraying pumps. Metallic capsules were largely of German manufacture, and fire hose also appears to have been supplied by that country. (C. 724).

GLASS BEAD INDUSTRY OF VENICE.

The Acting British Vice-Consul at Venice (Mr. H. C. Swan) has furnished the following particulars regarding the manufacture of glass beads, &c. at Venice:—

The glass bead industry may be divided into four branches, *viz.*: the manufacture of (1) ordinary beads or "conterie;" (2) lamp beads; (3) block glass for mosaics; and (4) goldstone. The ordinary glass beads are made from pierced blocks of glass, heated in a furnace and drawn out to great lengths in long, specially constructed corridors. The rods thus produced are cut into small pieces, of requisite length, and rounded by a process similar to that employed for the curving of pen nibs. Mosaic beads are manufactured in the same manner from gatherings of glass of different colours. The finished beads are threaded into bunches by skilled workwomen who usually do this work in their own homes.

Lamp beads are not usually made by the larger firms, who limit themselves to producing the necessary glass rods, unpierced, which are sold to the workers in metre lengths for making up at home. These independent workpeople usually have gas jets, on the principle of the Bunsen burner, over which the rods are heated and moulded into beads of any required size and pattern, the finished article being invariably decorated by hand.

Block glass for mosaics is worked in the same furnaces as glass for beads and rods, and is made up into round discs, varying in diameter from about three to six inches, with a thickness of approximately half an inch. These discs are sold to the mosaic workers, who cut them into small cubes and make them up into the designs and pictures well known all the world over.

Goldstone is made by the fusion of reddish-brown glass paste and oxide of copper. The process consists in melting the glass mass and, at a given state of liquefaction, pouring in the oxide. All holes and entrances in the furnace are then hermetically closed and the crucible is left inside for about ten days or a fortnight. When it is judged to be thoroughly cooled the furnace is opened and the product extracted. The Venetian denomination of "Avventurina" is given to goldstone because it is never certain that the process will be successful, although of late years the uncertainty has been very much reduced.

During the last twenty years the average annual production of beads of all kinds, mosaic glass, and goldstone may be estimated at 4,750 metric tons. In 1915, however, owing to the excessive price of coal and the difficulty of obtaining raw materials, the production was very small, all orders and contracts being met from the large reserve stocks held by local manufacturers.

In normal times large quantities of ordinary and lamp beads are sold to local tradesmen for conversion into all kinds of bead fringes, trinkets and other Venetian specialities, and for decorative purposes, as well as to makers of fancy goods all over Italy.

The ordinary glass and pound beads are exported to all countries of the world, but especially to France, Africa and India. The main demand in France is for small beads suitable for making funeral wreaths, imitation flowers, and for the decoration of cloth goods. There is an average annual exportation to France of 750 metric tons.

Glass Bead Industry of Venice.

A noteworthy export to the United Kingdom is that of ordinary and fancy beads, made up into bead fringing.

Ornamental lamp beads are marketable everywhere and, in addition to the quantities exported loose, numbers of the finished articles, such as necklets, chains and other trinkets, are despatched from Venice every year. The Government of the Belgian Congo order from Venice considerable quantities of a special large-sized lamp bead for use in the Congo as currency.

Block glass for mosaics, in addition to the ready sale at Venice and in Italy generally, is exported to some extent to the United Kingdom, Egypt, India, the United States and elsewhere.

Goldstone, much used for decorating vases and other ornaments, as well as being ground into beads, studs, cuff links, buttons, &c., is mainly exported to India, China and Japan.

The following table shows the principal destinations of the exports of glass beads from Venice during the years 1913 and 1914:—

To	1913.	1914.
	Metric tons.	Metric tons.
Austria-Hungary	473	187
France	538	298
Germany	285	147
United Kingdom	306	233
British India	1,094	862
British Possessions and Protectorates in Africa ...	214	327
United States	80	33
Other countries	231	256
Total	3,221	2,343

Before the war Austrian bead manufacturers were steadily gaining the ascendancy, not only by reason of the patent methods and special machinery evolved and used at Gablonz, Reichenberg and elsewhere, which permitted the manufacture of a more perfect and better coloured bead, but also because of the Austro-German control of the markets, established by means of an elaborate network of astute agent-traders and branch offices of the manufacturers at all the more important centres. These concerns did not limit themselves only to pushing Austrian wares, but in some cases were the principal selling agents for Venetian beads and they generally brought forward Venetian goods only when the Austrian manufacturers did not produce a similar article. Very recently, however, the Venice makers have been able to shake off these trammels. (C. 8,040.)

Metric ton = 2204·6 lbs.

TARIFF CHANGES AND CUSTOMS REGULATIONS.

COMMONWEALTH OF AUSTRALIA.

Prohibition of the Importation of Homœopathic Medicines manufactured by Count Mattei, Italy.

The "Commonwealth of Australia Gazette" of the 3rd February, contains copy of Proclamation, dated 2nd February, 1916, prohibiting the importation into the Commonwealth of homœopathic medicines manufactured at the general dispensary of Count Cesar Mattei, Palais Mattei, Bologna, Italy (C. 10,725.)

By-Law respecting certain "Minor Articles."

The Board of Trade have also received copy of By-Law No. 332, dated 30th December, 1915, which provides for the admission of the following article when used for the purpose specified, as a "minor article," under Item 434 of the Customs Tariff, 1908-11, with effect from the 25th October, 1915, viz.:—

For soap—

Silica, ground (provided security be given by the owner that it will be used only for the above purpose, and that evidence of such use be given to the satisfaction of the Collector within six months after delivery by the Customs.

The present rate of duty on "minor articles" imported into the Commonwealth is as follows:—

Under the British Preferential Tariff ...	Free.
" " General Tariff	5 per cent. *ad val.*

(C. 10,859.)

Exportation prohibited to China, Siam, and the Netherlands.

The Board of Trade are also in receipt of copy of Proclamations dated 12th and 19th January, 1916, which prohibit the exportation of all goods from the Commonwealth to China and Siam, and to the Netherlands, respectively. In the case of China and Siam, exportation is permitted when the goods are consigned to persons specified in a Schedule attached to the Proclamation, and exportation to the Netherlands is permitted when the consent thereto in writing of the Commonwealth Minister of State for Trade and Customs has been obtained. (C. 10,872.)

DOMINION OF NEW ZEALAND.

Customs Decisions.

The Board of Trade have received copy of a Minister's Order (D 16), dated 1st February, 1916, which has been issued by the New Zealand Customs Department containing decisions as to the classification of various articles under the Customs Duties Act.

The following are the principal decisions:—

Tariff Changes and Customs Regulations.

DOMINION OF NEW ZEALAND—*continued.*

Articles.	Tariff Item.	Rate of Import Duty. On Foreign Goods.	Rate of Import Duty. On Goods the produce or manufacture of any part of the British Dominions.
Springs (other than spiral springs) in the rough, not bored, japanned, painted, or lined, declared for the manufacture of side-cars in New Zealand	482	Free	Free
Carriage materials, viz.—			
Spring inserts (for lubricating leaf springs of carriages, motor vehicles, &c.) ...	432	Free	Free
Educational apparatus, &c , viz.—			
Rubber stamps of the human body ...	441	Free	Free
Machinery, woollen-mill, viz.—			
Jacquard card hand punching-machine (for punching cards to form pattern for machine-knitted hosiery)	165	15 % *ad val.*	5 % *ad val.*
Motor-vehicles, cycles, and motor-cycles, accessories for—			
*The following articles will be classed as parts of motor vehicles, &c., even when imported separately—viz., bells for cycles or motor-cycles, dress guards and gear-cases, inflators (hand, foot, or power) and connections for same, lamp-brackets, luggage-grids for motor-cars, parcel-carriers suitable only for cycles or motor-cycles, pump clips, saddles and saddle pads or covers for cycles or motor-cycles, sirens and horns and bulbs for same, toe-clips for cycles, tool-bags or tool boxes or kits and tool-rolls specially suited for cycles, including oil-can and brushes contained therein (NOTE.—Free tools may be separately classified), watch-holders.			
*The following articles will, only when accompanying the motor vehicle, &c., to which they belong, be classed as parts of same (when imported separately they will be classed under appropriate tariff headings)—viz., cigar-cutters, cyclometers and speedometers and recorders and taximeters, electric batteries and switch-boards, flower-vases, funnels for motor-cars and motor-cycles, handle-bar baskets for cycles, lamps and lamp-covers and gas-generators, lubricators, mascots, mirrors, reflectors, spiral springs, toilet requisites when fitted into the upholstery of the car-body, watches and clocks.			
Wax, mixed, being partially manufactured floor-polish or boot-polish — As floor polish	110	30 % *ad val.*	20 % *ad val.*
or boot polish	236	30 ,, ,,	20 % ,,
or wax ...	233	1d. per lb. whichever rate is higher.	1d. per lb. whichever rate is higher

* Revised decision. (C. 10,709.)

Tariff Changes and Customs Regulations.

UNION OF SOUTH AFRICA.

Certificates of Origin will be required for Chicory imported from certain Countries.

The "Union of South Africa Government Gazette" of the 11th February, contains copy of Government Notice (No. 166) dated 8th February, 1916, stating, that with reference to Government Notice No. 2085 of the 22nd December, 1914, wherein it is declared that, for the present, Certificates of Origin will not be required for foodstuffs imported into the Union, that on and after the 1st April, 1916, a consular Certificate of Origin will be required for chicory, whether raw or manufactured, imported into the Union from Norway, Sweden, Denmark, Holland, Switzerland, and Italy. (C. 11,220.)

SOUTHERN RHODESIA.

Customs Decisions.

The Board of Trade have received from H.M. Acting Trade Commissioner in South Africa, copy of a Government Notice (No. 46 of 1915), giving a Supplementary List of Customs Decisions (No. 5) as to the rates of duty leviable upon certain articles imported into Southern Rhodesia.

The following are the principal decisions given :—

Articles.	No. of Tariff Heading.	Rates of Import Duty.		
		Under the General Tariff.	On goods the produce or manufacture of the United Kingdom and reciprocating British Possessions.	On goods the produce or manufacture of non-reciprocating British Possessions.
Blank invoice forms (without printed headings)	193	20 % *ad val.*	9 % *ad val.*	9 % *ad val.*
Rubber linings for explosives packing cases	193	20 % "	9 % "	9 % "
Tin sheets, lacquered or printed on, in gold or colours, on one side, intended for the manufacture of tins :—				
(*a*) Not cut to shape ...	117 (*e*)	3 % "	Free	Free
(*b*) Cut to shape	193	20 % "	9 % *ad val.*	9 % *ad val.*
Washing machines driven by electrical power	193	20 % "	9 % "	9 % "
White coated blotting boards ...	193	20 % "	9 % "	9 % "

(C.I.B. 11,363.)

EAST AFRICA PROTECTORATE.

Prohibited Exports : Amended Lists.

Adverting to Notices which have appeared in previous issues of the "Board of Trade Journal" relative to the prohibition of the exportation of various articles from the East Africa Protectorate under certain Proclamations, the Board of Trade have now received copies of amending Proclamations (Nos. 3, 5 and 7 of 1916) dated 18th and 27th January, and 5th February, 1916, respectively, which prohibit the exportation of various articles from the Protectorate, as follows :—

Tariff Changes and Customs Regulations.

EAST AFRICA PROTECTORATE—*continued.*

(B) To all destinations, other than the United Kingdom, British Possessions and Protectorates:—

Cotton wadding;
Cotton wool.
Iron ore of all descriptions;
Railway waggons;
Soft soap;
Pepper;
Colchicum and its preparations;
Iron and steel smelting scrap;
Solid drawn steel tubes;
Wireless telegraph, material for;
[The above are new items.]
Bichromate of soda;
Bladders, casings and sausage skins;
Firearms, unrifled, for sporting purposes;
Iron, haematite pig;
[Transferred from Group C.]

(C) To all foreign countries in Europe and on the Mediterranean and Black Seas, other than France, Russia (except through Baltic ports), Italy, Spain and Portugal:—

Egg yolk and liquid, and albumen;
Fibres, all such vegetable, and yarns made therefrom (not including linen thread) as are not prohibited under group B.
[The above are new items.]
Cotton, all manufactures and products of, except cotton lace, *cotton wadding*, cotton waste, and *cotton wool*;
China clay (including China stone, *ball clay* and potter's clay);
Terneplates *and all receptacles made from terneplates*;
Railway material, both fixed and rolling stock (*except railway waggons the exportation of which is prohibited under group B.*);
[The italicised words only are new.]
Tinplates and all receptacles made from tinplates;
[In lieu of item "Tinplates including tin boxes and tin canisters for food packing."]
Telegraphs (other than wireless) and telephones, material for;
[In lieu of item "Telegraphs, wireless telegraphs and telephones, material for."]

(C. 10,211.)

GOLD COAST.

Prohibited Exports: Amended Lists.

With reference to the Notice which appeared on p. 889 of the "Board of Trade Journal" for the 30th December, 1915, relative to the prohibition of the exportation of certain articles from the Gold Coast under Proclamation dated 6th November, 1915, the Board of Trade have now received copy of a further Proclamation (No. 2 of 1916), dated 4th February, which prohibits the exportation of the undermentioned articles from the Colony, as follows:—

(A) To all foreign destinations:—

All fats and oils, animal as well as vegetable, other than essential oils.

(B) To all foreign destinations other than France, Italy and Russia (except through Baltic ports):—

All oleaginous nuts, seeds and products. (C. 10,209.)

Tariff Changes and Customs Regulations.

SIERRA LEONE.

Prohibited Exports: Amended Lists.

Adverting to Notices which have appeared in previous issues of the "Board of Trade Journal" relative to the prohibition of the exportation of various articles from Sierra Leone, under certain Proclamations, the Board of Trade have now received copy of a further amending Proclamation (No. 3 of 1916) dated 10th February, which prohibits the exportation from the Colony, of various articles as follows:—

(A) To all foreign destinations:—

All fats and oils, animal and vegetable, other than essential oils.

(B) To all foreign destinations other than France, Italy and Russia (except through Baltic ports):—

All oleaginous nuts, seeds and products.

[Under Proclamation No. 15 dated 14th August, 1915, which is hereby revoked, the exportation of the articles in this item was prohibited to Spanish ports only.]

(C. 10,409.)

BARBADOS.

Prohibited Exports: Amended Lists.

Adverting to the Notice which appeared on pp. 106-112 of the Supplement to the "Board of Trade Journal" of the 13th January last, and to subsequent Notices in the "Board of Trade Journal" relative to the prohibition of the exportation of various articles from the Colony, under certain Proclamations, the Board of Trade have now received copy of a further Proclamation, dated 29th February, 1916, which prohibits the exportation from the Colony of various articles to certain destinations, as follows:—

(A) To all destinations other than the United Kingdom of Great Britain and Ireland, and British Possessions and Protectorates:—

Cotton rags.
Linen rags.
Waste paper.
[The above items are new.]
Railway wagons, *and their component parts.*
[The italicised words only are new.]

(B) To all foreign countries in Europe and on the Mediterranean and Black Seas, other than France, Russia (except through Baltic ports), Italy, Spain and Portugal:—

Canes and sticks, unmounted, whether for basket-making or not.
Cordage and twine of Manila hemp.
Europhen.
Files.
Pocket lamp cases, and cases fitted with bulbs, but not containing batteries.
Rum and imitation rum.
[The above items are new.]

(C. 11,176.)

STRAITS SETTLEMENTS.

Prohibited Exports: Amended List.

Adverting to the Notice which appeared on pp. 72-8 of the Supplement to the "Board of Trade Journal," "of the 13th January last, relative to the prohibition of the exportation of various articles from the

Tariff Changes and Customs Regulations.

STRAITS SETTLEMENTS—*continued.*

Straits Settlements under a Proclamation dated 1st November, 1915, and to Notices of subsequent amending Proclamations in the "Board of Trade Journal," the Board of Trade have now received copy of a Proclamation dated 29th January, 1916, which further amends the above-mentioned Proclamations, and prohibits the exportation of the under-mentioned articles, as follows:—

(A) To all destinations other than the United Kingdom and British Possessions and Protectorates:—

Beeswax;
Magnesite caustic or lightly calcined and dead burnt magnesite;
Magnesium and its alloys.
[The above are new items.]
Coal all kinds, and coke *made in gasworks*, but not including coal allowed by the Master Attendant or Harbour Master, as the case may be, to be shipped as as bunker coal.
[The italicised words have been deleted.]

(B) To all foreign countries in Europe and on the Mediterranean and Black Seas, other than France, Russia (except through Baltic Ports), Italy, Spain, and Portugal:—

Copper or its alloys, all articles which are wholly or mainly manufactured of, and which are not prohibited under Group A.
Silica bricks. (C. 10,104.)
[The above are new items.]

FALKLAND ISLANDS.

Prohibited Exports.

The "Falkland Islands Gazette" of the 1st January, 1916, contains copy of Proclamation dated 21st December, 1915, which prohibits the exportation from the Colony and its Dependencies of all goods (including horses, cattle or sheep) of every description, to any destination other than the United Kingdom, British Possessions and Protectorates, without the sanction of the Governor and a written export licence first applied for and obtained from the Collector of Customs or his Deputy. (C. 10,208.)

BRITISH SOLOMON ISLANDS PROTECTORATE.

New Customs Tariff.

The Board of Trade have received copy of Proclamation No. 1 of 1916, dated 4th January, 1916, which has been issued under "The Solomons (Customs) Regulations, 1907," and which embodies new Schedules "A" and "B" of goods dutiable and free, respectively, on their importation into the Protectorate, with effect from the date of publication of the Proclamation in the "Western Pacific High Commission Gazette," viz., 19th January, 1916.

The Proclamation, dated 8th July, 1913, which specified the duties formerly leviable is hereby revoked.

The following statement shows the complete Schedules comprised in the present Proclamation:—

Tariff Changes and Customs Regulations.

BRITISH SOLOMON ISLANDS PROTECTORATE—*continued.*

SCHEDULE A.

Articles.	Rate of Import Duty. £	s.	d.
Ale, beer, porter, cider, perry, hop, ginger or other beers, quarts ...per doz.	0	2	0
" " " " " pints ... "	0	1	0
" " " " " ½-pints or smaller quantities, per doz.	0	0	6
" " " " " in wood or jar, per gall.	0	1	0
Boats, launches and yachts, punts and lighters imported in any vessel, or which have been put out of any vessel off the coast of the Protectorate and are subsequently brought into the Protectorate *ad val.*	10 per cent.		
Building materials not otherwise enumerated, including nails, paints, bricks, bolts and nuts, doors, sashes, shutters, iron (black), mouldings, architraves, shingles, expanded steel, tiles, slates, &c....*ad val.*	10	"	
Cartridges and cartridge cases, rifle and revolver ... ... "	100	"	
" " " sporting ... ... "	10	"	
Cigarettes, including wrappers ... ... per 1,000	0	12	6
Cigars, including wrappers ... ...per lb.	0	5	0
Dynamite, lithofracteur, blasting powder, and similar explosives, including ingredients for making such goods ... ...per lb.	0	1	0
Fuse ... ...*ad val.*	10 per cent.		
Iron, galvanised, plain or corrugated sheets ... ... per ton	2	0	0
Kerosene, of 100 degrees or over, closed flash test ... per gall.	0	0	3
" under 100 degrees, closed flash test ... ... "	0	0	6
Oils of all kinds, not otherwise enumerated, except for medicinal use, in bulk ... ... per gall.	0	0	3
Oils in bottle ... ...*ad val.*	10 per cent.		
Powder, sporting ... ...per lb.	0	0	6
Rifles and revolvers, not otherwise enumerated ... ... each	1	0	0
Spirits of all kinds imported into the Protectorate, the strength of which can be ascertained by Sykes' hydrometer, and is over proof per proof gall.	0	14	0
Spirits of all kinds imported into the Protectorate, the strength of which can be ascertained by Sykes' hydrometer, and is under proof per liquid gall.	0	14	0
Spirits and spirituous compounds, unless otherwise enumerated, and scented waters imported into the Protectorate, the strength of which cannot be ascertained by Sykes' hydrometer per liquid gall.	0	14	0
Case spirits—reputed contents of two, three, four, or more gallons shall be charged— Two gallons and under, as two gallons; over two gallons and not exceeding three gallons, as three gallons; over three gallons and not exceeding four gallons, as four gallons; and so on for any greater quantity contained in any case.			
Spirit, methylated ... ... per gall.	0	2	0
Tobacco, stick, cake or leaf ... ...per lb.	0	1	6
Tobacco, cut ... ... "	0	3	0
Timber, dressed or surfaced over 2 ins. wide, not otherwise enumerated per 100 sup. ft.	0	2	0
Timber, undressed, over 2 ins. wide, not otherwise enumerated per 100 sup. ft.	0	1	6
The duty on timber to be computed on a thickness of 1 in., and to be in proportion for any greater thickness. Any thickness under 1 in. to be reckoned as 1 in.			
Wines—			
Bordeaux (claret) and hock, in bulk ... ... per gall.	0	3	0
Australian, New Zealand, or South African, in bulk ... "	0	3	0
Bordeaux (claret) and hock, in bottle, for six reputed quarts or 12 reputed pints or 24 reputed half-pints or smaller quantities...	0	3	0

Tariff Changes and Customs Regulations.

BRITISH SOLOMON ISLANDS PROTECTORATE—*continued.*

SCHEDULE A.—*continued.*

Articles.	Rate of Import Duty.
Wines—*continued.*	£ s. d.
Australian, New Zealand, and South African, in bottle, for six reputed quarts or 12 reputed pints or 24 reputed half-pints or smaller quantities	0 3 0
Other kinds in bulk ... ... per gall.	0 3 0
Other kinds, including Vermouth, for six reputed quarts or 12 reputed pints or 24 reputed half-pints or smaller quantities ...	0 3 0
Sparkling, for six reputed quarts or 12 reputed pints or 24 reputed half-pints or smaller quantities	0 6 0
All articles not specified, or not included in the list of articles exempted from duty under Schedule B ... ... *ad val.*	10 %

SCHEDULE B.

Articles exempt from Duty.

Anchors and chains, black iron and galvanised.
Animals, living.
Arms and accoutrements for any recognised Rifle Club or public institution.
Articles imported solely for the use of British Ships of War.
Articles imported by the Western Pacific High Commission for official use.
Bags and sacks for exporting produce.
Ballast, ships'.
Benzine and other similar combustible oils, not otherwise enumerated, imported solely for use as motor fuel.
Biscuits, hard, and plain.
Books and periodicals and music (printed).
Casks and tanks.
Cement.
Coal and coke.
Coin of the Realm.
Cylinders for importing ammonia or other gas.
Dental instruments and appliances other than furniture.
Diving apparatus and gear and parts thereof.
Drugs and medicinal substances, including patent and proprietary medicines unless prohibited by the High Commissioner under section 77 (3) of the Solomons (Customs) Regulations, 1907, chemical and drysalteries (except those containing spirits or opium) and tinctures of the British Pharmacopœia, except those containing opium, chemicals and appliances for surgical and medicinal purposes and actually used as such.
Earthenware drain pipes.
Flour and sharps.
Furniture, church and school and all accessories *bona fide* imported for church, religious or educational purposes.
Garden seeds and plants.
Guano.
Island produce imported for re-export.
Luggage personal as may be from time to time permitted by the High Commissioner under section 77 (6) of the Solomons (Customs) Regulations 1907.
Machines and implements, agricultural and component parts thereof, which the High Commissioner may from time to time specify, including ploughs, sowers, harrows, scarifiers, cultivators, hoes, digging forks, scythes, spades, stump extractors, earth scoops and draining tools, Demerara shares, shovels, rakes, bottoming tools, sickles, and handles for the above implements and machines made of wood and not fitted, and also including evaporating machines for fruit, copra, tea, cocoa and like products, fibre cleaning, ginning, spinning and weaving machines, shellers and mills, corn-crackers, coffee pulpers, hullers and polishers, winnowing machines, scutchers, presses for baling produce, oil presses, and handles made of wood and not fitted to the implements or machines.

Tariff Changes and Customs Regulations.

BRITISH SOLOMON ISLANDS PROTECTORATE—*continued.*

SCHEDULE B.—*continued.*

Machinery and component parts thereof which the High Commissioner may from time to time specify, including electrical, refrigerating, mining, sawing, steam engines and boilers and oil engines, gas engines and hot air engines.
Manures and fertilisers.
Meats, including fish, poultry or game, fresh or chilled.
Meats, including fish, poultry or game, preserved or salt, in tins or other containers of not less than 3 pounds, gross weight.
Medals and decorations, for any recognised Rifle Club or public institution.
Organs and harmoniums, *bona fide*, imported for church, religious or educational purposes.
Packages, empty, used and returned.
Packages, inside and outside, of wood, tin, glass, paper, or other material, in which are contained only articles liable to a specific rate of duty or articles exempt from duty or both and in which such articles are ordinarily and and actually contained.
Pictures, photographs, works of art.
Printing machinery, type, and lithographic appliances, and component parts thereof.
Pyrethrum roseum.
Rails, iron and steel, sleepers, fish plates, switches, crossings, turntables and parts thereof and bolts and nuts imported with and belonging to same.
Rice.
Show cards, patterns and cut samples and advertising matter of no commercial value.
Spraying compounds.
Surgical instruments and appliances other than furniture.
Tobacco stalks.
Vegetables and green fruit.
Veterinary instruments and appliances other than furniture.
Uniforms for any recognised Rifle Club or public institution. (C. 11,242.)

RUSSIA.

Measures concerning the Exportation of (1) Metals of the Platinum Group, and (2) Karakul and Skunk Furs.

The Board of Trade are in receipt, through the Foreign Office, of information from H.M. Commercial Attaché in Russia to the effect that, according to the official "Trade Gazette" of Petrograd for the 18th February/2nd March, the Minister of Finance, supplementing the existing prohibition of the exportation of platinum, manufactures of platinum, and platinum ore, has prohibited the exportation from Russia, by all frontiers of the Empire, of all preparations containing platinum and of all precious metals of the platinum group. Exceptions from these prohibitions may, however, be accorded in favour of Allied and friendly countries.

The Board of Trade are also in receipt, through the same channel, of information to the effect that a Decree of the Minister of Finance, dated the 12th/25th February, was published in the official "Bulletin of Laws" of Petrograd for the 19th February/3rd March, which, by way of modification of the regulations previously in force (*see* the third section of the notice at pages 765-766 of the "Board of Trade Journal" for the 16th December, 1915) provides that karakul and skunk furs may only be exported to Allied countries, and then only when consigned to competent Government Institutions or official persons. (C. 10,654 ; C. 10,692.)

Tariff Changes and Customs Regulations.

NORWAY.

Exportation of certain Articles prohibited.

The Board of Trade are in receipt, through the Foreign Office, of telegraphic information from H.M. Minister at Christiania to the effect that the exportation from Norway of *whale oil, bones, tallow and fat of domestic animals* (with the exception of bonefat produced in factories in Norway and accompanied by a certificate of origin), of *spices*, and of *cast iron scrap* has been prohibited.

Customs Circular regarding Prohibition of Exportation of Zinc.

The Board of Trade have also received, through the Foreign Office, copy of a Norwegian Customs Circular of the 17th February (No. 9/1916) which states that the prohibition of the exportation of zinc applies also to (1) zinc ashes; (2) zinc scoriae; (3) zinc powder; (4) "*sinkgrøt*"; and (5) hard zinc. (C. 10,962.)

DENMARK.

Prohibition of Exportation of Certain Animals and Meat.

The Board of Trade are in receipt, through the Foreign Office, of telegraphic information from His Majesty's Minister at Copenhagen to the effect that the exportation of the following articles from Denmark has been prohibited, viz.:—Pregnant cows' and heifers' meat and butcher's waste; slaughtered cows and heifers which are shown by veterinary examination to contain a fœtus eighteen weeks old; preserves and sausages made of such meat. (C. 11,055.)

NETHERLANDS.

Prohibition of Exportation of Goods prepared with Sugar.

The Board of Trade are in receipt, through the Foreign Office, of telegraphic information from His Majesty's Minister at The Hague to the effect that the exportation from the Netherlands of all goods prepared with sugar has been prohibited since the 24th March. No sugar or goods containing sugar will be allowed to be exported from the Netherlands pending investigation as to the quantities of these articles which are required for home (Dutch) consumption.

FRANCE.

Exportation of certain Articles from France to the United Kingdom, &c. permitted without special Authorisation.

The French "Journal Officiel" for the 15th March contains a Decree of the French Minister of Finance, dated the 14th March, which provides that the following articles (which were prohibited to be exported from France by a Presidential Decree of the 23rd February) may, by way of exception, be exported or re-exported from France, without special authorisation, when consigned to the United Kingdom, the British Dominions, Colonies and Protectorates, and certain other countries:—

Tariff Changes and Customs Regulations.

FRANCE—*continued.*

Capsicums;

Yarns and threads of floss silk, unbleached, scoured but not dyed; yarns of silk wastes; schappé, spun, unbleached, or scoured, but not dyed.

Exportation of Vegetable Hair prohibited, except by special Permission.

The same issue of the "Journal Officiel" also contains a Decree of the Minister of Finance, dated the 14th March, which abrogates the provision of the Decree of the 19th February, 1916, in virtue of which *vegetable hair* was allowed to be exported or re-exported from France, without special authorisation, when consigned to the United Kingdom, the British Dominions, Colonies and Protectorates, and certain other countries.

FRANCE AND FRENCH COLONIES.

Customs Treatment of Products of the New Hebrides.

The "Annales des Douanes" for the 15th March contains a Presidential Decree, dated the 27th January, which fixes as follows the quantities of certain articles, the produce of the French Establishments in the New Hebrides which may be admitted into France, New Caledonia and other French Possessions, from the 1st July, 1915, to the 30th June, 1916, under the conditions prescribed by the Decrees of the 12th November, 1901, and the 16th April, 1904:—

(1) The quantity of *coffee*, *cocoa*, and *vanilla* which may be imported into *France and New Caledonia* is fixed as follows:—

Article.	Rate of Duty.	Quantity allowed to be imported at the reduced rate.
		Kilogrammes.
Coffee ...	Minimum rate under the French Customs Tariff, less 78 francs per 100 kilogs. (reduced rate = 58 francs per 100 kilogs.)	372,950
Cocoa... ...	Half the Minimum rate under the French Customs Tariff (reduced rate = 52 francs per 100 kilogs.)	150,000
Vanilla ...	Half the Minimum rate under the French Customs Tariff (reduced rate = 208 francs per 100 kilogs)	15

(2) The quantity of *maize* which may be imported free of duty into *New Caledonia* during the period specified is fixed at 2,015,000 kilogrammes.

(3) The quantity of *coffee* and *cocoa* which may be imported free of duty into *French Colonies other than New Caledonia* during the period specified is fixed as follows:—

Coffee	50,000 kilogrammes.
Cocoa	5,000 "

Tariff Changes and Customs Regulations.

FRENCH COLONIES.

Prohibition of the Exportation of certain Articles made applicable in French Colonies.

The Board of Trade are in receipt, through the Foreign Office, of copy of a French Presidential Decree, dated the 14th March and published in the "Journal Officiel" for the 17th March, which prohibits the exportation and re-exportation from French Colonies and Protectorates (other than Tunis and Morocco) of the articles (capsicum and certain silk wares) which were prohibited to be exported or re-exported from *France* by the Decree of the 23rd February (*see* the notice at page 738 of the "Board of Trade Journal" for the 9th March).

Exemptions from this prohibition may, however, be accorded under conditions to be laid down by the Minister for the Colonies.

(C. 10,868.)

Exportation of certain Articles from French Colonies to the United Kingdom, &c., permitted.

The Board of Trade are also in receipt, through the same channel, of copy of a Decree of the French Minister for the Colonies, dated the 16th March, and published in the "Journal Officiel" for the 17th, which provides that the following articles (which were prohibited to be exported from French Colonies and Protectorates—other than Tunis and Morocco—by a Presidential Decree of the 2nd March) may, by way of exception, be exported and re-exported from French Colonies and Protectorates, without special authorisation, when consigned to the United Kingdom, the British Dominions, Colonies and Protectorates, and certain other countries :—

Agar-agar or librine ;
Esparto, coconut fibre, piassava, istle, lime-bark, phormium tenax, abaca, aloe-fibre, and other unspecified vegetable fibres, in the rough, hackled, twisted, or in tow, even spun ;
Varech and other seaweeds from which iodine can be extracted ;
Vegetable waxes.

(C. 10,855.)

SPAIN.

Government Authorised to Permit the Establishment of Commercial Warehouses.

The "Gaceta de Madrid" for the 19th March contains a Royal Decree of the 18th March which authorises the Government to permit the establishment, by Spanish companies constituted in conformity with the Commercial Code, and at such ports as may be convenient, of bonded commercial warehouses (*depósitos comerciales*).

All goods may be admitted into such warehouses except (1) those of which the importation into Spain is prohibited or restricted; (2) Spanish goods of which the exportation is prohibited; and (3) live-stock, fresh and frozen meat, cereals and flour thereof, rice, wines, pulse, and vegetable preserves of all kinds. Goods may not remain within these warehouses longer than four years, after which period they must be exported abroad or entered for consumption in Spain.

Tariff Changes and Customs Regulations.

SPAIN—*continued.*

Certain operations may be performed within these warehouses (under supervision), such as changing the receptacles of goods, the shearing of hides, the washing of wool, the extraction of oil from copra and oilseeds, and all operations which increase the value of the warehoused goods without essentially altering their nature. The operations of mixing olive oil with seed oils, and of adding foreign sugar or saccharine to alimentary substances in such warehouses are, however, expressly prohibited.

Goods which enter these warehouses are to be exempted from transport duties, port dues, &c., as also are foreign goods re-exported from warehouse. Spanish goods which are exported to foreign countries through these warehouses shall be liable to transport duties and port dues, and also to export duties if such duties are leviable on the class of merchandise concerned. Goods from these warehouses which are passed into Spain are to pay import, transport and other duties as if they had been imported direct from abroad.

The full text (in Spanish) of the Royal Decree may be seen by persons interested on application at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

Increase of Export Duties on Barley and Oats.

The Board of Trade are in receipt, through the Foreign Office, of telegraphic information from H.M. Ambassador at Madrid to the effect that, in virtue of Royal Orders published in the "Gaceta de Madrid" for the 22nd March, the export duties on barley and oats have been raised to 2 pesetas 50 centimos per 100 kilogs.

[*Note.*—The export duty on *barley* was formerly 1 peseta 90 centimos per 100 kilogs., and that on *oats* 1 peseta 80 centimos per 100 kilogs.]

Export Duty on Certain Paper containing Mechanical Pulp.

The Board of Trade are also in receipt, through the same channel, of telegraphic information to the effect that a Spanish Royal Order of the 23rd March has been issued which imposes an export duty of 18 pesetas per 100 kilogrammes on paper weighing from 41 to 50 grammes per square metre and containing mechanical pulp.

UNITED STATES OF AMERICA.

Importation of Cotton through the Post Prohibited.

The Board of Trade are informed by H.M. Consul-General at New York that, in virtue of orders issued by the United States Secretary of Agriculture under the authority conferred by the Plant Quarantine Act of the 20th August, 1912, cotton (cotton lint) is prohibited to be imported into the United States through the post from any foreign country except the Mexican States of Nuevo Leon, Coahuila, Durango, Chihuahua, Tamaulipas, and Lower California. Postmasters and other postal officials in the United States are under instructions to cause to be returned immediately to the place of origin all mail importations of the product

Tariff Changes and Customs Regulations.

UNITED STATES OF AMERICA—*continued.*

mentioned except such as originate in the Mexican States mentioned above, and except also such importations as are ordered by, or intended for, and addressed to the "Office of Foreign Seed and Plant Introduction, United States Department of Agriculture, Washington, D.C.," which are allowed to go forward in the regular course.

An Order was issued by the United States Post Office on the 7th February, 1916, which provided that for the purpose of the regulations referred to above the term "cotton" is to be construed to mean raw or unmanufactured cotton lint, either baled or unbaled, including all cotton which has not been woven or spun or otherwise manufactured, such as all forms of *cotton waste*, including thread waste, card strips, willowed fly, willowed picker, picker or blowings, and chum and cotton waste in any other form or under any other trade designation.

H.M. Consul-General adds that, under the United States Customs Regulations, Collectors of Customs are required to deliver to the Post Office of receipt, for return to the country of origin, any parcel containing articles of which the importation is prohibited under the Plant Quarantine Act. (C. 11,029.)

PERU.

Certain Agricultural Produce exempted from Export Duties.

The "Boletin de las Aduanas del Peru" for the 20th November, 1915 contains a Law (No. 2173), dated the 12th November last, which provides that the export duties on certain agricultural produce imposed by the Law, No. 2143, of the 6th October (*see* the notice at page 769 of the "Board of Trade Journal" for the 16th December, 1915), are not to be levied on such articles exported through the Custom houses of Iquitos and Madre de Dios.

The same issue of the "Boletin" also contains a further Law (No. 2159), dated the 4th November, which provides that cotton produced in the Province of Tacna and exported through the port of Ilo is not to be subject to the export duty established by Law No. 2143 of the 6th October. (C. 10,944.)

EXCISE TARIFF CHANGES.

NETHERLANDS.

Exemption of certain Salt from Excise Duty.

The Board of Trade are in receipt, through the Foreign Office, of information to the effect that a Royal Decree, dated the 25th February, and published in the "Nederlandsche Staatscourant" for the 16th March, accords exemption from excise duty, under certain conditions, to salt destined for use in factories which manufacture substances for rendering roofing materials fireproof.

(C. 10,829.)

SHIPPING AND TRANSPORT.

BRITISH CARGO STEAMSHIP SERVICES.

Information regarding British cargo steamship services, trading between the United Kingdom and all ports of the world, may be obtained on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. Firms making written application for information are requested to state their requirements clearly, particularly indicating the ports or districts between which cargo is to be carried.

DETENTION OF CARGOES AND VESSELS BY H.M. ARMED FORCES.

The "London Gazette" of 24th March publishes the following further list of ships whose cargoes, or part of them, have been detained by H.M. Armed Forces:—

Name of Vessel.	Nationality.	Cargo detained at
Frisia	Netherland	London
Garonne	Danish	North Shields
Grotius...	Netherland	London
Noordam	Netherland	London
Rotterdam	Netherland	London
Veendyk	Netherland	London

The same issue of the "Gazette" also notifies that the Greek vessel "Chalkis" (514 tons) has been detained at Malta, and the United States vessel "Dirigo" (823 tons) has been detained at Lerwick.

Committee of Enquiry into Methods adopted.

With reference to the detention of cargoes and vessels by H.M. Armed Forces, it is announced by the Foreign Office that H.M. Government have appointed a Committee, under the Chairmanship of Viscount Peel, to enquire whether any avoidable delay is caused by the methods hitherto adopted for dealing with ships and cargoes brought into British ports under the Order-in-Council of 11th March, 1915 (see p. 744 of the "Board of Trade Journal" of 18th March, 1915), and to make such general recommendations as they may think fit for improving such methods.

The members of the Committee are as follows:—

Viscount Peel (Chairman); Sir Kenneth S. Anderson, K.C.M.G.; B. A. Cohen, Esq., K.C.; and K. Wallace Elmslie, Esq.

The Offices of the Committee are at 1, Abbey Gardens, Westminster, London, S.W.

PROCEEDINGS BEFORE BRITISH PRIZE COURTS OVERSEA.

The "London Gazette" of 28th March notifies that proceedings have been instituted in the Prize Court in the Falkland Islands in respect of the vessel "Edna." The date of appearance is 30th March.

Shipping and Transport.

UNITED KINGDOM.—FRANCE.

New Steamship Service to Calais.

The Commercial Intelligence Branch of the Board of Trade is informed by Messrs. Robert Park & Co., Ltd., 9 and 10, Fenchurch Street, London, E.C., that a new service of steamers is commencing this week between London and Calais, by the sailing of the "Argentum" to-day (30th March). The second sailing is arranged for next week. The French agent is M. Henri Moreau, 6, Rue de Moscou, Calais.

(C.I.B. 11,520.)

UNITED STATES OF AMERICA (PANAMA CANAL ZONE).

Partial Resumption of Canal Traffic.

H.M. Minister at Panama has telegraphed, under date 16th March, that, according to an official announcement, the Panama Canal will be re-opened for traffic on 15th April for vessels up to 30 ft. draught.

(M. 7,762.)

REPUBLIC OF COLOMBIA.

Coasting Trade Regulations.

The "Diario Oficial" (Bogotá) of 14th January contains a Decree (No. 2151) regulating the coasting trade in the Republic of Colombia, which is limited to national vessels.

Article 2 of the Decree provides that shippers sending from one seaport in Colombia merchandise of foreign origin nationalised therein to another Colombian port must present, to the Customs authorities, manifests (in triplicate) of the goods despatched. These documents must contain the following particulars:—Mark and number of each package, and its weight; the designation of the goods contained therein, their quantity and quality, their value, and the name of the consignee. Documentary evidence of the payment of import duty on the said merchandise must also be submitted to the Customs authorities.

The full text of the coasting trade regulations (in Spanish) referred to may be consulted by United Kingdom shippers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

URUGUAY.

Berthing Regulations at Port of Montevideo.

The "Diario Oficial" (Montevideo) of 21st February publishes a Resolution of the Uruguayan Ministry of Finance approving the Port of Montevideo Administration's regulations for the berthing of vessels.

Ocean-going steamers arriving at the port are allowed to use free of charge the moles and quaysides of the docks for direct loading and unloading of cargo, embarkation or disembarkation of passengers, and the delivery or receipt of mails and provisions. When vessels, for their own convenience and without justified cause, unload in the ante-port, the costs of lighterage must be paid by the charterers or agents.

The tariff for discharging on the moles or quay-sides provides for charges to be paid by the owners of the merchandise as follows:—

1 peso per ton for all merchandise discharged directly on the quay-

Shipping and Transport.

URUGUAY—*continued.*

sides from tugs or lighters bringing cargo from vessels which have preferred to enter the ante-port and pay lighterage.

50 cents per ton for merchandise from ocean-going sailing vessels which have not obtained permission for berthing and are exempt from lighterage.

50 cents per ton for all cargo which does not come from ports of the Republic, brought by river steamers or sailing vessels, berthing or not at the quays. Exception will be made in the case of charcoal, fruit and firewood, for which unloading fees will not be charged.

10 cents per ton for merchandise of all kinds from steamers which, for lack of quay space, hangars, depôt or other reasons of *force majeure* have not obtained a berthing permit and are therefore exempt from lighterage dues.

A double tariff will be charged on packages weighing more than 2 metric tons.

The full text of the Decree (in Spanish) may be consulted at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

100 cents. = 1 peso = 4s. 5½d. at current exchange; metric ton = 2204·6 lbs.

MINERALS, METALS AND MACHINERY.

AUSTRALIA.

Rules of the Metal Exchange.

With reference to the notice on p. 129 of the "Board of Trade Journal" of 14th October, relative to the establishment by the Commonwealth Government of the Australian Metal Exchange, H.M. Trade Commissioner for Australia (Mr. G. T. Milne) has furnished a copy of the rules of the Exchange. In the section dealing with qualifications for membership of the Exchange the rules follow the lines indicated in the notice referred to above.

The above-mentioned copy of the rules may be consulted by United Kingdom firms interested at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

(C.I.B. 9,471.)

UNITED STATES OF AMERICA.

Number of Motor Vehicles Registered.

H.M. Consul-General at Chicago (Mr. H. D. Nugent) reports that, according to the local press, the number of motor vehicles registered in the United States on 1st January, 1916, was 2,423,788, of which 71,026 were commercial vehicles. There is one car for every 42 people in the United States. The largest registration is in New York, namely, 212,844, and the next largest in Illinois, namely, 182,290. In Iowa there is one car for every 16 persons, and in Illinois one for every 33. Of all the States, Iowa has the largest number of motor vehicles in proportion to population. (C. 10,464.)

Minerals, Metals and Machinery.

UNITED STATES OF AMERICA—*continued.*

Pig Iron Production in 1915.

The "Iron Age" (New York) of 2nd March states that, according to statistics recently issued by the American Iron and Steel Institute, the production of pig-iron in the United States in 1915 was as follows, the figures for the previous year being added for purposes of comparison :—

Grade.	1914.	1915.
	Tons.	Tons.
Basic	9,670,687	13,093,214
Bessemer	7,859,127	10,523,306
Foundry	4,533,254	4,864,348
Malleable	671,771	829,921
Forge	361,651	316,214
Spiegeleisen	79,935	97,885
Ferro-manganese	106,083	129,072
All other	49,736	62,253
Total	23,332,244	29,916,213

Tin Smelting and Refining Industry at Perth-Amboy: Commencement of Operations.

With reference to the notice on p. 575 of the "Board of Trade Journal" of 24th February relative to the establishment of a tin-smelting and refining industry in the United States, it appears from the issue of the "Engineering and Mining Journal" (New York) of 11th March that the reverberatory tin-smelting plant at Perth-Amboy, New Jersey, has been blown in and the first crude tin was tapped on 7th March. The electrolytic refinery was to be started as soon as a sufficient supply of crude tin had accumulated.

At present, operations are based on the importation from Bolivia of 750 tons of tin concentrates per month. Some delay was experienced in starting the tin-smelting plant owing to the non-arrival of materials. Gradually, as shipping conditions improve, the plant will be brought up to its capacity of 1,200 tons per month. Ultimately the plant may be much extended.

JAPAN.

Exports and Estimated Output of Copper in 1915.

H.M. Vice-Consul at Osaka (Mr. O. White) reports that the stoppage of transactions in copper, which was caused by the outbreak of war, led to a serious piling up of stocks in Japan. At the end of 1914 stocks had reached an amount estimated as high as 10,000 tons, but when the London Copper Exchange was re-opened stocks were soon disposed of. Shipments of copper to London were heavy, 1,500 tons leaving Kobé in March, 1915, alone, and the total shipments from that port during the first half of 1915 reached some 5,500 tons. Nearly 2,000 tons were shipped to France before the end of April, 1915, and smaller shipments had gone to the United

Minerals, Metals and Machinery.

JAPAN—*continued.*

States. These transactions were concluded at prices which gave excellent profits to the sellers. Meanwhile, however, Russia had come forward as an eager buyer and, under the artificial conditions caused by the war, it became far more profitable to sell to her. Freight to Vladivostok was cheap compared with that to Europe, or with that from the United States to Vladivostok, and most of the other sources of supply were closed or hampered. From the spring of 1915 many transactions were diverted to Russia, which proceeded to take the lion's share of the copper exported and had by the end of the year taken considerably more than half of the total exports. As sales to Russia increased, those to other countries slackened, and during the second half of the year shipments to the United Kingdom, France and the United States were very small. China has in former years purchased large quantities of copper from Japan, but exports to that country in 1915 dropped to some 1,430 tons.

The following table shows the quantity, value and country of destination of exports of copper from Japan in 1915, the figures for 1914 being added for purposes of comparison:—

——	1914.		1915.	
	Tons.	£	Tons.	£
China	13,850	942,000	1,430	106,000
Hong Kong	2,560	165,000	90	7,000
British India	2,440	168,000	1,220	89,000
United Kingdom	6,790	414,000	12,200	944,000
France	3,470	227,000	3,940	299,000
Germany	2,100	125,000	—	—
United States	4,680	296,000	7,800	561,000
Asiatic Russia*	5,000	300,000	29,000	2,590,000
Other Countries	2,110	139,000	320	15,000
Total	43,000	2,776,000	56,000	4,611,000

* The figures for Russia are approximate.

Allowing for stocks at the end of 1914, the output of copper in Japan during 1915 may be estimated, at a rough guess—no statistics are available—at anything between 70,000 and 75,000 tons, representing an increase of 15 per cent. over the 1914 output.

(C.I.B. 10,635.)

TEXTILES AND TEXTILE MATERIALS.

UNITED KINGDOM.

Cotton Statistics.

The number of bales of cotton **imported** into the United Kingdom during the week ended 23rd March, 1916, was 103,250 (including 75 bales British East African) and the number imported during the twelve weeks ended 23rd March, 1916, was 1,201,406 (including 759 bales British West Indian, 150 bales British West African, 2,660 bales British East African, and 142 bales foreign East African). The number of bales **exported** during the week ended 23rd March, 1916, was 12,842, and during the twelve weeks 120,019.

For further details see p. 983.

BRITISH INDIA.

Cotton Spinning and Weaving Returns.

The following statement, showing the quantity of cotton yarn spun, and of cotton woven goods produced, in British India and the Native States during the nine months ended December, 1913, 1914, and 1915, has been extracted from a return issued by the Indian Government :—

		Nine months ended December,		
		1913.	1914.	1915.
BRITISH INDIA AND NATIVE STATES.				
Cotton yarn spun	Lbs.	511,302,649	486,842,626	545,394,122
Grey and bleached piece goods ...	Lbs.	151,497,202	155,023,209	199,147,830
	=*Yards*	*653,438,923*	*641,627,100*	*810,068,614*
Coloured piece goods	Lbs.	55,303,584	47,250,522	61,643,844
	=*Yards*	*234,230,236*	*198,115,057*	*261,260,650*
Grey and coloured goods (other than piece goods)	Lbs.	1,790,390	1,324,068	1,786,815
Hosiery	"	403,737	220,019	284,640
Miscellaneous goods	"	102,980	253,711	428,579
Total of woven goods ...	"	209,097,893	204,071,529	263,291,708

CANADA.

Proposed Development of Flax Industry.

With reference to the notice on p. 818 of the "Board of Trade Journal" of 16th March relative to the cultivation of flax in Canada, the Imperial Trade Correspondent at Toronto (Mr. F. W. Field) reports that on the 1st March the Dominion House of Commons agreed to the following resolution :—

"That, in the opinion of this House, taking into consideration the stability of the flax industry and the market value of the product, more attention might be given to promoting its cultivation in

Textiles and Textile Materials.

CANADA—*continued.*

Canada; that the flax and linen industries should, both as to culture and manufacture, receive that encouragement and consideration from the Government, which would enable it to assume the importance the natural resources of our country assure it. And to this end serious encouragement should be given to farmers by such means as the Government, after full investigation, deem best to increase the production of flax throughout the Dominion."

In a later report Mr. Field writes that the Dominion Government has appointed a flax and fibre expert to carry out experiments in different parts of Canada, with a view to discovering the localities best suited for flax growing, to inspect the various methods in use, and also to study the types of machines used in Canada in the flax industry. United Kingdom firms interested should address Mr. G. G. Bramhill, Flax Expert, Department of Agriculture, Ottawa, Canada.

(C.I.B. 11,560.)

AUSTRALIA.

Sydney Wool Market.

The Sydney Office of H.M. Trade Commissioner in Australia has forwarded an extract from the Sydney "Daily Telegraph" of 4th February relative to the prospects of the Sydney wool market. According to this paper, the most optimistic expectations formed regarding the prospects of the Sydney wool market were justified by the auctions held during the first week in February. The prices obtained may or may not have been due to the present position of supplies, but the fact remains that further records were established. There have been remarkable factors at work: Italy has acquired three hundred and fifty times the quantity of wool taken in the previous season, and the United States over one hundred and fifty times the quantity. Wool is being readily absorbed and soon the stores will be cleared.

The business done does not represent the work of disposing of the 1915–16 clip alone. There was a very large carry-forward of last season's wool into this season, and at the present rate of selling there is very little likelihood of even a small carry-forward of this season's wool into the 1916-17 season. An accurate estimate of the position cannot be arrived at for some time, but it is certain that *next year there must be a heavy falling-off in available supplies of wool.*

(C.I.B. 11,334.)

AGRICULTURAL & FOREST PRODUCTS.

UNITED KINGDOM.

Corn Prices.

The prices of British corn per quarter of 8 bushels, as received from the Inspectors of Corn Returns in the week ended 25th March, 1916, were as follows:—

Wheat	55s. 11d.
Barley	54s. 6d.
Oats	31s. 4d.

For further particulars see p. 983.

Imports of Agricultural Produce.

A statement is published on p. 984 showing the quantities of the various descriptions of agricultural produce imported into the United Kingdom during the week ended 25th March, 1916, as compared with the imports during the corresponding weeks of the two previous years.

☞ For notices relative to raw materials for textiles *see* under Textiles and Textile Materials.

SOUTH AFRICA.

Forecast of Maize Crop.

The Imperial Trade Correspondent at Johannesburg (Lieut.-Col. C. A. C. Tremeer, D.S.O.) has forwarded a copy of "Crop Report No. 5" for January, issued by the Union Department of Agriculture, which states that the maize crop over the whole of the **Transvaal,** despite the increased area sown (about 9 per cent.) is expected to show a decrease in production of over 5 per cent. (about 165,000 bags) as compared with last year.

The **Orange Free State** production is estimated on present indications at 20 per cent. more than last year. This corresponds with the increase in the area sown. The condition of the crop in the Province, taken as a whole, may, therefore, be said to be normal. The production, it is estimated, will exceed that of last year by 350,000 bags.

In **Natal** nearly 5 per cent. more was sown this season, but an increase of production of under 4 per cent. (or 70,000 bags) on the previous season's yield is estimated, showing that for the whole of the Province the condition of the crop is somewhat below normal.

In the **Cape Province** the anticipated reduction in the yield in the Transkeian Territories is 60,000 bags, and in the remainder of the maize-producing districts 133,000 bags.

It will be seen, therefore, that for the whole of South Africa an increase over the previous season's yield of about 62,000 bags is estimated. This is of course a negligible quantity. (C.I.B. 11,386.)

Agricultural and Forest Products.

BRAZIL. PERU. BOLIVIA.

Exports of Rubber from the Amazon Basin, *viâ* Pará, in January, 1916.

The British Vice-Consul at Pará (Mr. J. Bremner) reports that the quantity of rubber exported from Pará, Manaos, and Itacoatiara, *viâ* Pará, during the month of January, 1916, was as follows:—

—	Fine.	Medium.	Coarse.	Caucho.	Total.
January, 1915—	Kilogs.	Kilogs.	Kilogs.	Kilogs.	Kilogs.
To United States ...	*718,142*	*104,063*	*342,850*	*177,913*	*1,342,968*
To Europe	*276,761*	*15,339*	*66,597*	*28,240*	*386,937*
Total	*994,903*	*119,402*	*409,447*	*206,153*	*1,729,905*
January, 1916—					
To United States ...	1,040,927	143,380	549,191	437,252	2,170,750
To Europe	381,626	34,970	46,101	40,224	502,921
Total	1,422,553	178,350	595,292	477,476	2,673,671

Kilog. = 2·2046 lbs. (C.I.B. 11,306.)

JAPAN.

Loofah Crop and Market.

With reference to the notice on p. 715 of the "Board of Trade Journal" of 9th December, relative to the loofah crop and market in Japan, H.M. Commercial Attaché at Yokohama (Mr. E. F. Crowe, C.M.G.) reports, under date 8th February, that he is informed that damage due to a parasite has probably reduced the 1915 crop by 15 to 20 per cent. The amount of stock at present on hand is estimated at 2,000,000 pieces, including 12 per cent. of last year's production. Prices are said to be 5·7 sen for extra, 4·7 sen for first, 3·7 sen for seconds, and 2·7 sen for thirds, the standard size. The rise in the market is stated to have been due to the large purchases made in consequence of the shortage of crop, but exports are limited owing to the lack of freight space available. Though the prices were falling somewhat at the time of writing, on the whole dealers were holding on to their stocks in view of the ultimate demand becoming heavy in proportion to the supply.

The yield for 1915, as given by the Hamamatsu Chamber of Commerce, was "A" goods (12 inches and over, good quality) 2,200,000 pieces, as compared with 4,200,000 pieces in 1914, and "B" goods (10 inches or less, inferior quality) 1,300,000 pieces, as compared with 800,000 pieces in 1914.

100 sen = 1 yen = 2s. 0½d.

(C.I.B. 10,264.)

MISCELLANEOUS.

UNITED KINGDOM.

Fishery Statistics, for February, 1916.

The following statement shows the quantity and value of fish landed on the English and Welsh, Scottish and Irish coasts during the month and two months ended February, 1916, as compared with the corresponding periods of the year 1915:—

—	Month of February,				Two Months ended February,			
	1915.		1916.		*1915.*		1916.	
	Quantity.	*Value.*	Quantity.	Value.	*Quantity.*	*Value.*	Quantity.	Value.
England and Wales—	*Cwts.*	*£*	Cwts.	£	*Cwts.*	*£*	Cwts.	£
Fish, excluding shell fish	*387,782*	*473,037*	223,335	447,397	*749,779*	*952,432*	436,320	960,090
Shell fish	—	*17,701*	—	19,119	—	*36,599*	—	42,565
Total value ...	—	*490,738*	—	466,516	—	*989,031*	—	1,002,655
Scotland—								
Fish, excluding shell fish	*197,476*	*147,394*	254,652	267,208	*395,826*	*302,166*	389,347	425,471
Shell fish	—	*3,248*	—	3,102	—	*7,197*	—	5,449
Total value ...	—	*151,142*	—	270,310	—	*309,363*	—	430,920
Ireland—								
Fish, excluding shell fish	*19,539*	*12,794*	16,583	18,475	*41,445*	*25,969*	43,729	44,098
Shell fish	—	*420*	—	738	—	*1,130*	—	1,572
Total value ...	—	*13,214*	—	19,213	—	*27,099*	—	45,670

NOTE.—The above figures are subject to correction in the annual returns.

CEYLON.

Proposed Manufacture of Chemical and other Products from Wood.

According to the "Straits Budget" (Singapore) of 18th February, experiments are now in progress in Ceylon with a view to the exploitation of forest reserves in order to determine to what extent various chemical and other products made from wood, which have hitherto been imported into the Island, could be manufactured locally. These will include the manufacture of acetic acid and by-products, such as acetone, creosote, &c.; also charcoal obtained from the distillation of wood spirit and wood pulp. Experiments have been initiated by the Government and preparations are in an advanced state. Experiments are also being carried out in connection with the manufacture of wood pulp, alcohol, &c. This is only preliminary to the establishment of mills with distillation and other plant in a central spot in the north central provinces, where enormous resources of wood can be tapped.

GOVERNMENT PUBLICATIONS.*

TRADE RETURNS OF THE UNITED KINGDOM.

The Monthly Accounts relating to the Trade and Navigation of the United Kingdom for the month of February, 1916, have been published. The accounts, which are issued on the 7th or 8th of each month, may be purchased* at a cost, in the present instance, of 1s. 5d. per copy (post free 1s. 10d.).

Attention is further called to the fact that the "Annual Statement of the Trade of the United Kingdom with Foreign Countries and British Possessions" for the year 1914 has been issued in two volumes, and may be purchased* at a cost of 5s. 9d. (post free 6s. 4d.) for the first volume and 4s. 2d. (post free 4s. 9d.) for the second. This publication, which contains much more detailed and exhaustive information than can be given in the Monthly Accounts, gives in the first volume abstract tables for the years 1909–1913, and detailed statements of imports and exports of each article consigned from and to each country; and in the second volume details as to Customs revenue, transhipments and articles in bond, with particulars of the trade of the United Kingdom with each foreign country and British Possession, and of the trade at each port of the United Kingdom.

BOARD OF TRADE LABOUR GAZETTE.

The "Board of Trade Labour Gazette"* is published (price 1d., post free 2½d.) by the Board of Trade about the 16th of each month. The following are among the more important contents of the March issue:—State of the Labour Market in the United Kingdom in February; Employment in Germany in January; Retail Food Prices in the United Kingdom, Australia, and Berlin; Labour in the British Dominions Oversea and in Foreign Countries; and Reports on Employment in the Principal Industries of the United Kingdom during February.

OTHER GOVERNMENT PUBLICATIONS.

Post Office. Report of the Postmaster-General on the Post Office, 1914-15. [*Cd.* 7,955.] *Price* 1*s.* 1*d.* (*post free* 1*s.* 5*d*).

According to an estimate given in this report, the number of postal packets delivered in the United Kingdom during the year ended 31st March, 1915, was as follows:—

——	Number.	Increase (+) or Decrease (-) per cent., as compared with 1913-14.
Letters	3,409,000,000	— 2·0
Postcards...	880,000,000	— 5·0
Halfpenny packets	1,016,000,000	— 13·3
Newspapers	215,000,000	+ 3·8
Parcels	137,100,000	+ 3·3
Total	5,657,100,000	— 4·4

* Copies of Government publications may be purchased, either directly or through any bookseller, from Wyman and Sons, Ltd., 29, Bream's Buildings, Fetter Lane, London, E.C.; and 54, St Mary Street, Cardiff; or H.M. Stationery Office (Scottish Branch), 23, Forth Street, Edinburgh; or E. Ponsonby, Ltd., 116, Grafton Street, Dublin; or from the Agencies in the British Colonies and Dependencies, the United States of America, and other foreign countries of T. Fisher Unwin, Ltd., London, W.C.

Government Publications.

FOREIGN OFFICE REPORTS.

THE following is a complete list of the Reports of H.M. Diplomatic and Consular Officers which have been issued in the Annual Series during the year 1915. Copies may be obtained, either directly or through any bookseller, from the usual Sale Agents for Government Publications (see list on Cover).

No.	Place.	Price.
	EUROPE—	
	Bulgaria:	
5506	Bulgaria, 1914	1½d.
	Denmark and Colonies:	
5465	Denmark, 1913	2½d.
5485	St.Thomas and St.Croix,1914	1d.
	France and Colonies:	
5444	Algeria, 1913	4d.
5525	Bordeaux, 1914	3½d.
5462	Brest 1914	1½d.
5524	Calais, 1914	1d.
5457	Corsica, 1914...	½d.
5423	Dakar (recent years) ...	3d.
5549	France, 1913...	*
5494	French Congo, 1912-13 ...	1½d.
5533	New Caledonia, 1914 ...	1½d.
5435	Nice, 1913	1d.
5505	Pondicherry and Karikal, 1914...	1d.
5530	Réunion, 1914	1d.
5439	Rouen, 1913	4d.
5442	Saigon, 1913...	2d.
5538	Saigon, 1914...	2d.
5552	Society Islands, 1914 ...	1d.
5531	Trade of Vice-Consular Districts in Consular District of Havre, 1914	1½d.
	Germany and Colonies:	
5441	German East Africa, 1912-13	3½d.
5466	Samoa, 1913...	1d.
5417	Togoland, 1913	½d.
	Greece:	
5537	The Cyclades, 1914	2½d.
5495	Corfu, 1914	2d.
5483	Piræus, 1914...	2½d.
5449	Salonica, 1913	2d.
5429	Thessaly, 1913	1½d.
	Italy and Colonies:	
5426	Bengasi, 1913	1½d.
5448	Finances of Italy, 1914 ...	2d.
5491	Italy, 1914	2d.
5438	Milan, 1913	3d.
5528	Rome, 1914	1½d.
	Netherlands and Colonies:	
5523	Rotterdam, 1914	3½d.
5456	Surinam, 1913	1d.

No.	Place.	Price.
	EUROPE *continued*—	
	Norway:	
5464	Norway, 1913	4d.
5534	Norway (Supplementary), 1913...	1½d.
	Portugal and Colonies:	
5529	Angola, 1914...	1½d.
5492	Azores, 1914...	1½d.
5484	Chinde, 1914	1½d.
5488	Goa, 1913–14	½d.
5514	Lisbon, 1914	2½d.
5486	Madeira, 1914	½d.
5536	Oporto, 1914...	2d.
5418	Portuguese Guinea, 1913 ...	1d.
5496	San Thomé and Principe, 1914...	1d.
5497	Southern Angola, 1914 ...	1d.
	Russia:	
5454	Batoum, 1914	3d.
5546	Finland, 1914	3d.
5415	Moscow, 1913	4½d.
5432	Riga	3½d.
5436	Odessa, 1913...	5d.
5544	Odessa, 1914...	5d.
	Spain and Colonies:	
5440	Spain, 1913	3d.
5453	Canary Islands, 1914 ...	2d.
5519	Gulf of Guinea, Spanish Possessions, 1914 ...	1½d.
	AFRICA—	
	Abyssinia:	
5422	Abyssinia, 1913	2½d.
5421	Gambela, 1913	1d.
5420	Harrar, 1913...	1d.
	Belgian Congo:	
5493	Belgian Congo, 1913 ...	2½d.
5520	Katanga, 1914	1d.
	Egypt:	
5502	Alexandria, 1914	4d.
5474	Port Said, 1914	2d.
	Morocco:	
5467	Morocco, 1913	4d.
	Tunis.	
5431	Tunis, 1913	3d.

* Will shortly be available.

Government Publications.

Foreign Office Reports—*continued.*

No.	Place.	Price.
	ASIA—	
	China:	
5490	Amoy, 1914	1½d.
5507	Canton, 1914	1d.
5489	Changsha, 1914	2d.
5547	Chefoo, 1914	1½d.
5424	China, 1913	3d.
5472	Chingkiang, 1914	1½d.
5461	Foochow, 1914	2d.
5460	Hangchow, 1914	1½d.
5463	Ichang, 1914...	1½d.
5471	Kiukiang, 1914	2d.
5509	Kiungchow, 1914	1½d.
5541	Mengtzu, 1914	1½d.
5455	Nanking, 1914	2d.
5480	Shanghai, 1914	11½d.
5479	Shasi, 1914	1½d.
5468	Swatow, 1914	½d.
5470	Teng Yueh, 1914	1d.
5469	Tientsin, 1914	1½d.
5517	Tsinan and Tsingtau, 1914...	½d.
5499	Wuchow, 1914	1½d.
5498	Wuhu, 1914	1½d.
	Corea:	
5500	Corea, 1913	3½d.
	Japan:	
5508	Dairen, 1914...	2½d.
5487	Formosa, 1914	2½d.
5503	Japan, 1914	5½d.
5478	Hakodate, 1914	2d.
5445	Nagasaki, 1913	2d.
5535	Nagasaki, 1914	2d.
5510	Osaka, 1914	2½d.
5516	Shimonoseki	3½d.
5545	Yokohama, 1914	2½d.
	Muscat:	
5473	Muscat, 1913–14	2½d.
	Persia:	
5450	Arabistan, 1913-14	2d.
5433	Bahrein Islands, 1913–14 ...	2½d.
5425	Bunder Abbas, 1913-14 ...	2d.
5430	Bushire, 1913–14	3½d
5521	Isfahan, 1913-14	3½d.
5482	Kerman, 1913–14	1½d.
5419	Kermanshah, 1913-14 ...	1d.
5481	Khorasan, 1913–14	2d.
5515	Persia, 1913-14	1½d.
5539	Seistan & Kain, 1913–14 ...	2d.
	Siam:	
5428	Bangkok, 1913-14	2½d.
5446	Chiengmai, 1913	2d.
5447	Senggora, 1913-14	2d.
	NORTH AMERICA—	
	Mexico:	
5522	Vera Cruz, 1914	1d.
	United States & Colonies:	
5543	Baltimore, 1914	3½d.
5542	Boston, 1914...	4d.
5504	Chicago, 1914	3d.
5434	Galveston, 1913	3d.
5459	Hawaii, 1913-14	1d.
5443	New Orleans, 1913	3d.
5513	Philippine Islands, 1914 ...	2d.
5540	Portland (Oregon), 1914 ...	5d.
5475	Porto Rico, 1913–14 ...	2d.
5548	Savannah, 1914	3d.
5512	St. Louis, 1914	3d.
	CENTRAL AMERICA—	
	Nicaragua:	
5427	Nicaragua, 1911-13... ...	1½d.
	SOUTH AMERICA—	
	Argentina:	
5458	Rosario (recent years) ...	1½d.
	Bolivia:	
5416	Bolivia, 1913	3d.
	Brazil:	
5451	Brazil, 1912-13	2½d.
5526	Pará, 1914	2d.
5527	Rio de Janeiro, 1913-14 ...	*
5550	Sao Paulo, 1914	*
	Chile:	
5476	Antofagasta, 1914	1d.
5452	Coquimbo, 1914	1½d.
	Colombia.	
5437	Bogotá, 1909–13	3d.
	Peru:	
5501	Iquitos, 1914	1½d.
	Venezuela:	
5532	Caracas, 1913-14	3d.
5518	Ciudad Bolivar	1½d.
	WEST INDIES—	
5477	Dominican Republic, 1914...	2½d.

* Will shortly be available.

Government Publications.

FOREIGN OFFICE REPORTS—TREATY SERIES.

The following numbers of the Treaty Series, issued by the Foreign Office during 1915, may also be obtained, either directly or through any bookseller, from the usual Sale Agents for Government Publications (see list on Cover) :—

No.	———	Price.
	Russia.	
4	Accession of Russia to the Convention of 9th November, 1914, between the United Kingdom and France relating to Prizes captured during the present European War	½d.
8	Agreement between the United Kingdom and Russia for the Reciprocal Waiver of Consular Fees on Certificates of Origin relating to Exports	½d.
	Netherlands.	
5	Convention between the United Kingdom and the Netherlands renewing for a further period of five years the Arbitration Convention of 15th February, 1905	½d.
12	Agreement between the United Kingdom and the Netherlands relating to the Boundary between the State of North Borneo and the Netherlands Possessions in Borneo	3½d.
	France.	
2	Convention between the United Kingdom and France relating to Prizes captured during the present European War	1d.
11	Agreement between the United Kingdom and France concerning the exchange of money orders between the British and French Possessions and Protectorates in West Africa	½d.
	France. Russia.	
1	Declaration between the United Kingdom, France and Russia, engaging not to conclude Peace separately during the present European War	½d.
	Switzerland.	
3	Convention between the United Kingdom and Switzerland providing for the Settlement by Arbitration of certain classes of question which may arise between the two Governments ...	½d.
6	Convention additional to the Treaty of Friendship, Commerce, and Reciprocal Establishment between the United Kingdom and Switzerland of 6th September, 1855	½d.
	Honduras.	
7	Treaty of Commerce and Navigation between the United Kingdom and Honduras	1d.
	Japan.	
9	Exchange of Notes respecting the Accession of Japan to the Declaration of 5th September, 1914, between the United Kingdom, France and Russia, engaging not to conclude Peace separately during the present European War	½d.
10	Treaties, &c., between the United Kingdom and Foreign States: Accessions, Withdrawals, &c.	½d.
13	Accession of the Federated Malay States of Perak, Selangor, Negri Sembilan, and Pahang to the Extradition Treaty between the United Kingdom and Siam of 4th March, 1911	½d.
14	Declaration between the United Kingdom, France, Italy, Japan, and Russia, engaging not to conclude Peace separately during the present War	½d.

Government Publications.

COLONIAL OFFICE REPORTS.

The following Reports relating to H.M. Colonial Possessions, issued during the year, 1915, may be obtained, either directly or through any bookseller, from the usual Sale Agents for Government Publications (see list on Cover):—

No.	Place.	Price
	Annual—	
827	British Honduras, 1913	2d.
828	Colonial Survey Committee, 1913-14...	2½d.
829	Tongan Islands Protectorate, 1913-14	2d.
830	Swaziland, 1913-14	2½d.
831	Uganda, 1913-14	2d.
832	Nyasaland, 1913-14	2½d
833	British Guiana, 1913-14	2d.
834	Entomology Imperial Bureau, 1914	1d.
835	St. Vincent, 1913-14	2d.
836	St. Lucia, 1913-14	2d.
837	Somaliland, 1913-14	2d.
838	Straits Settlements, 1913	2d.
839	Cayman Islands (Jamaica), 1913-14	1d.
840	East Africa Protectorate, 1913-14	4½d.
841	Leeward Islands, 1913-14	4½d.
842	Gilbert and Ellice Islands Protectorate, 1912-14	1d.
843	Zanzibar, 1914	2½d.
844	Turks and Caicos Islands, 1914	1d.
845	Weihaiwei, 1914	2d.
846	Seychelles, 1914	2d.
847	St. Helena, 1914...	1½d.
848	Fiji, 1914	2½d.
849	Bahamas, 1914-15	2½d.
850	Gibraltar, 1914	2d.
851	Sierra Leone, 1914	3d.
852	Grenada, 1914	2½d.
853	Bermuda, 1914	1½d.
854	Malta, 1914-15	2½d.
855	Ceylon, 1914	3½d.
856	Hong Kong, 1914	4d.
857	Bechuanaland Protectorate, 1914-15...	1d.
858	Basutoland, 1914-15	2d.
859	Gold Coast, 1914...	3d.
860	Jamaica, 1914-15	3d.
861	Gambia, 1914	1½d.
862	Straits Settlements, 1914	3d.
863	Northern Territories of the Gold Coast, 1914	2½d.
864	Ashanti, 1914	3d.
865	Cyprus, 1914-15	3d.
866	Swaziland, 1914-15	3d.
867	Somaliland, 1914-15	2d.
868	British Honduras, 1914...	2d.
869	British Solomon Islands, 1914-15	½d.
870	Tongan Islands Protectorate, 1914-15...	1½d.
	Miscellaneous—	
90	St. Vincent: Report on the Administration of the Roads and Land Settlement Fund, 1st January, 1911, to 31st March, 1914	1½d.

FOREIGN & COLONIAL PUBLICATIONS.

The following is a list of the more important Articles on trade subjects contained in the Foreign and Colonial Publications recently received and filed for reference at the Commercial Intelligence Branch of the Board of Trade, and which are open to inspection in the Reading Room of the Branch at 73, Basinghall Street, London, E.C.:—

NEWSPAPERS AND PERIODICALS.

Agricultural, Dairy and Forest Products.

Lime Products: Notes on Production in West Indies.
"*Bulletin*" *of Department of Agriculture* (Trinidad). (Part I., 1916.)

Sugar Market in Italy.
"*Commerce Reports*" (Washington), 28th Feb.

Harvest in Canada in 1915.
"*Journal of Commerce*" (Montreal), 7th March.

Potato Cultivation in Algeria.
"*Bulletin des Halles*" (Paris), 9th March.

Timber Market in Sweden in 1915.
Commerce Reports (Washington), 25th Feb.

Metals, Mining and Minerals.

Electrolytic Zinc: Conditions governing Production.
"*Engineering and Mining Journal*" (New York), 1st March.

Ironworks: Proposed Establishment in Norway.
"*Farmand*" (Christiania), 18th March.

Petroleum, &c. Production in Austria in November and December, 1915.
"*Curierul Financiar*" (Bucharest), 12th March.

Pig-Iron Industry: Growth in the United States.
"*Iron Age*" (New York), 9th March.

Machinery and Engineering.

Machinery Trade of Shanghai in 1915.
"*Journal of the British Chamber of Commerce*" (Shanghai), Jan.

Textiles and Textile Materials.

Cotton Fabrics: Market Conditions in Madras.
Commerce Reports (Washington), 24th Feb.

Textile Industry development in Canada.
"*Journal of Commerce*" (Montreal), 7th March.

Crochet Cotton and Yarn: Imports into Changsha in 1914.
Commerce Reports (Washington), 1st March.

Textiles and Textile Materials—*cont.*

Textiles and Yarns made from Paper.
"*Pulp and Paper Magazine of Canada*" (Montreal), 1st March.

Cotton Mills in Shanghai: Report on Products of.
"*Journal of the British Chamber of Commerce*" (Shanghai), Jan.

Cotton Industry in Russia in 1915.
Commerce Reports (Washington), 28th Feb.

Shipping and Transport.

Sailing Vessels suggested as means of solving Freight Problems.
"*Evening Post*" (Wellington), 27th Jan.

Kola—Petrograd Railway: Progress of Construction.
"*Commerce Reports*" (Washington), 29th Feb.

Commercial, Financial and Economic.

United States of America: Industrial Companies' Earnings in 1915.
"*Journal of Commerce*" (New York), 8th March.

Germany: Exports to the United States in 1915.
"*Commerce Reports*" (Washington), 26th Feb.

Japan: Increased Trade Profits through the War.
"*Evening Post*" (Wellington), 28th Jan.

South America: Opportunities for American Capitalists.
"*Iron Age*" (New York), 9th March.

Alaska: Trade in 1915.
"*Commerce Reports*" (Washington), 21st Feb.

Roumania: Annual Report of National Bank.
"*Curierul Financiar*" (Bucharest), 5th March.

Ecuador: Exports in 1915.
"*Commerce Reports*" (Washington), 25th Feb.

Miscellaneous.

Postal, Telegraph, and Telephone Services in Uruguay placed under State Control.
"*Commerce Reports*" (Washington), 28th Feb.

Foreign and Colonial Publications.

NEWSPAPERS AND PERIODICALS—*continued.*

Miscellaneous—*continued.*

Paper Pulp in Burma: Experiments in Production.
"*Rangoon Gazette*," 28th Feb.

Match Trade of Hankow.
"*Commerce Reports*" (Washington), 28th Feb.

Paper Trade in Canada: Review.
"*Pulp and Paper Magazine*" (Montreal), 1st March.

"Likin" on the Tientsin—Pukow Railway.
"*Journal of the British Chamber of Commerce*" (Shanghai), Jan.

OTHER PUBLICATIONS RECEIVED.

Australia.—
COMMONWEALTH.—Bureau of Census and Statistics: Shipping and Oversea Migration of the Commonwealth, 1914-15.
SOUTH AUSTRALIA.—Regulations under the Harbours Act, 1915.
VICTORIA.—Victorian Year Book, 1914-15.

British India.—Department of Statistics: Final General Memoranda on Cotton and Rice Crops, 1915-16.

Canada.—
Department of Trade and Commerce: Report for 1914-15. Part I.—Imports into and Exports from Canada.
Department of the Interior: Report for 1914-15.
Quebec Statistical Year Book, 1915.

British East Africa.—Pamphlet on Timbers of the Protectorate and their Commercial Use.

Nyasaland Protectorate.—Report of Department of Agriculture for 1914-15.

TRADE ENQUIRY OFFICES IN LONDON OF THE SELF-GOVERNING DOMINIONS.

Trade Enquiry Offices are *maintained* in London at the following addresses *by the Governments indicated, viz.*:—

Dominion of Canada	**19, Victoria Street, S.W.; also Portland House, Basinghall Street, E.C. (Office of the Canadian Government Trade Commissioner).**
Commonwealth of Australia. ...	**72, Victoria Street, S.W.**
New South Wales	**123-5, Cannon Street, E.C.**
Victoria	**Melbourne Place, Strand, W.C.**
Queensland	**409, West Strand, W.C.**
South Australia	**85, Gracechurch Street, E.C.**
Western Australia	**Savoy House, 115-6, Strand, W.C.**
Tasmania	**56, Victoria Street, S.W.**
Dominion of New Zealand	**13, Victoria Street, S.W.**
Union of South Africa	**Trades Commissioner, 90, Cannon Street, E.C.**

Trade enquiries in regard to Rhodesia may be made at the office of the British South Africa Co., 2, London Wall Buildings, E.C.

STATISTICAL TABLES.

Cotton Returns.

Return of the **Number** of **Bales** of **Cotton Imported** and **Exported** at the **Various Ports** of the **United Kingdom** during the week and 12 weeks ended 23rd March, 1916 :—

—	Week ended 23rd March, 1916.	12 Weeks ended 23rd March, 1916.	Week ended 23rd March, 1916.	12 Weeks ended 23rd March, 1916.
	Imports.		Exports.	
	Bales.	Bales.	Bales.	Bales.
American	87,878	932,502	1,188	25,433
Brazilian	—	115	—	—
East Indian	2,046	25,544	1,180	15,271
Egyptian	11,662	211,233	10,424	78,414
Miscellaneous	1,664*	32,012†	50	901
Total	103,250	1,201,406	12,842	120,019

* Including 75 bales British East African.

† Including 759 bales British West Indian, 150 bales British West African, 2,660 bales British East African, and 142 bales foreign East African.

Corn Prices.

Statement showing the **Average Price** of **British Corn,** per quarter of 8 bushels Imperial Measure,* as received from the Inspectors of Corn Returns in the week ended 25th March, 1916, and corresponding weeks of the seven previous years, pursuant to the Corn Returns Act, 1882.

—	Average Price.		
	Wheat.	Barley.	Oats.
	s. d.	s. d.	s. d.
Week ended 25th March, 1916	55 11	54 6	31 4
Corresponding Week in—			
1909	36 5	27 10	18 8
1910	33 0	23 8	18 0
1911	30 3	24 11	17 5
1912	34 3	30 3	21 8
1913	31 3	27 6	19 7
1914	31 4	25 7	18 8
1915	54 3	31 11	30 6

* Section 8 of the Corn Returns Act, 1882, provides that where returns of purchases of British Corn are made to the local Inspector of Corn Returns in any other measure than the Imperial bushel or by weight or by a weighed measure that officer shall convert such returns into the Imperial bushel, and in the case of weight or weighed measure the conversion is to be made at the rate of sixty Imperial pounds for every bushel of wheat, fifty Imperial pounds for every bushel of barley, and thirty-nine Imperial pounds for every bushel of oats.

Imports of Agricultural Produce into the United Kingdom.

Account showing the Quantities of certain kinds of **Agricultural Produce** imported into the **United Kingdom** in the week ended 25th March, 1916, together with the quantities imported in the corresponding weeks of the two previous years.

		Week ended—		
		28th Mar., 1914.	27th Mar., 1915.	25th Mar., 1916.
Animals, living :—				
Oxen, bulls, cows, and calves ...	Number	269	26	17
Sheep and lambs	"	—	—	—
Swine	"	—	—	—
Horses	"	99	577	57
Fresh meat :—				
Beef (including refrigerated and frozen)	Cwts.	210,557	201,006	159,605
Mutton " " "	"	99,703	138,358	76,942
Pork " " "	"	28,482	529	3,485
Meat, unenumerated, fresh (including refrigerated and frozen) ...	"	29,664	17,897	4,001
Salted or preserved meat :—				
Bacon	Cwts.	86,614	94,698	164,071
Beef	"	336	167	347
Hams	"	19,090	14,835	31,462
Pork	"	28,482	1,398	337
Meat, unenumerated, salted	"	3,007	2,042	453
Meat, preserved, otherwise than by salting (including tinned and canned)	"	9,912	50,771	37,557
Dairy produce and substitutes :—				
Butter	Cwts.	65,830	102,878	39,587
Margarine	"	34,198	22,588	55,708
Cheese	"	45,704	43,362	34,681
Milk, fresh, in cans or drums ...	"	—	—	—
" cream	"	239	—	347
" condensed	"	27,032	21,966	29,392
" preserved, other kinds... ...	"	243	960	1,793
Eggs	Grt. Hundr.	384,071	485,796	91,761
Poultry	Value £	12,672	18,780	19,711
Game	"	4,654	709	1,003
Rabbits, dead (fresh and frozen) ...	Cwts.	3,381	2,903	807
Lard	"	54,732	38,602	50,644
Corn, grain, meal and flour :—				
Wheat	Cwts.	1,907,100	1,320,000	2,416,800
Wheat-meal and flour...	"	251,800	101,700	204,400
Barley	"	192,400	107,500	442,500
Oats	"	280,800	627,000	190,700
Peas	"	28,250	9,030	16,020
Beans	"	990	33,580	19,950
Maize or Indian corn	"	148,300	677,400	566,300
Fruit, raw :—				
Apples	Cwts.	52,803	75,390	63,126
Apricots and peaches	"	35	33	45
Bananas	Bunches	127,339	139,589	152,055
Cherries	Cwts.	—	—	—
Currants	"	—	—	—
Gooseberries	"	—	—	—
Grapes	"	1,951	187	343
Lemons	"	7,948	16,796	12,461
Oranges...	"	179,418	167,139	310,061
Pears	"	1,943	994	426
Plums	"	252	284	219
Strawberries	"	—	—	—
Unenumerated	"	752	457	845
Hay	Tons	530	—	—
Straw	"	203	—	—
Moss Litter	"	1,205	903	—
Hops	Cwts.	593	1,181	4,049
Locust beans	"	390	27,085	4,918
Vegetables, raw :—				
Onions	Bushels.	114,928	108,739	108,977
Potatoes..	Cwts.	13,444	3,076	1,154
Tomatoes	"	19,464	19,639	43,589
Unenumerated	Value £	18,955	12,692	4,780
Vegetables, dried	Cwts.	1,469	68,454	2,346
" preserved by canning ...	"	6,579	11,379	393

COMMERCIAL INTELLIGENCE BRANCH of the BOARD OF TRADE.

The Intelligence Branch of the Commercial Department of the Board of Trade (73, Basinghall Street, London, E.C.) is a centre at which information on all subjects of commercial interest is collected and classified in a form convenient for reference, and at which, so far as the interests of British trade permit, replies are given to enquiries by traders on commercial matters. As far as is possible, the Branch supplies, on personal or written application, information with regard to the following subjects: Foreign and Colonial Contracts open to Tender and other openings for British trade; Lists of manufacturers at home and lists of firms abroad engaged in particular lines of business in different localities; Foreign and Colonial Tariffs and Customs Regulations; Commercial Statistics; Forms of Certificates of Origin; Regulations concerning Commercial Travellers; Sources of Supply, Prices, &c. of Trade Products; Shipping and Transport; &c., &c.

Samples of foreign competitive goods and commercial products which are received from abroad from time to time are exhibited at the offices of the Branch.

The samples collected since the war began of goods of German and Austrian manufacture, which have been sold in British markets abroad and certain foreign markets, will shortly be exhibited at Sheffield and other industrial centres. See Notice on p. 927.

The British Industries Fair, 1916, was held at the Victoria and Albert Museum, London, from 21st February to 3rd March; it is the present intention of the Board of Trade to hold a Fair in the early spring of each year. The office dealing with Fair matters is at 32, Cheapside, London, E.C.

The "Board of Trade Journal" is published weekly and is the principal medium through which intelligence collected by the Commercial Intelligence Branch and intended for general information, is conveyed to the public. The "Journal" may be obtained, either directly or through any bookseller, from Messrs. Wyman & Sons, Ltd., 29, Bream's Buildings, Fetter Lane, London, E.C., and 54, St. Mary Street, Cardiff; from H.M. Stationery Office (Scottish Branch), 23, Forth Street, Edinburgh; from Messrs. E. Ponsonby, Ltd., 116, Grafton Street, Dublin; or from the Agencies in the British Colonies and Dependencies, the United States of America, the Continent of Europe and Abroad of T. Fisher Unwin, Ltd., 1, Adelphi Terrace, London, W.C. The price is 3d. per copy or 15s. 2d. per annum, post free in the United Kingdom, the rate for places abroad, inclusive of postage, being 19s. 6d. All applications regarding advertisement rates, &c., should be sent direct to the sole contractors for advertisements, Messrs. Laughton & Co., Ltd., 3, Wellington Street, Strand, London, W.C.

Particulars relating to the supply of **confidential information** to firms in the United Kingdom are given on p. 926.

All communications intended for the Commercial Intelligence Branch of the Board of Trade should be addressed to: **The Director, Commercial Intelligence Branch, Board of Trade, 73, Basinghall Street, London, E.C.; or 32, Cheapside, E.C.**—*if the communication relate to matters connected with the British Industries Fair or with Samples of German and Austrian goods.*

H.M. TRADE COMMISSIONERS IN THE SELF-GOVERNING DOMINIONS.

Canada and Newfoundland...	H.M. Trade Commissioner, 3, Beaver Hall Square, Montreal. Telegraphic Address, "Britcom."
Commonwealth of Australia..	H.M. Trade Commissioner, Commerce House, Melbourne. Telegraphic Address, "Combrit"; and 81, Pitt Street, Sydney. Telegraphic Address, "Combritto."
New Zealand...	H.M. Trade Commissioner, P.O. Box 369, Wellington. Telegraphic Address, "Advantage."
South Africa	H.M. Trade Commissioner, P.O. Box 1346. Cape Town. Telegraphic Address, "Austere."

NATIONAL INSURANCE ACTS, 1911 TO 1915.

Part II.—Unemployment.

Applications to the Umpire.

In pursuance of Regulations made by the Board of Trade and dated 26th day of March, 1912, Notice is hereby given that the Umpire (Unemployment Insurance) has received applications for a decision as to whether contributions are payable or not in respect of the following classes of persons :—

358. Workmen engaged in manufacture of **Steel Helmets.**

Any representations with reference to the above applications may be made in writing to the Umpire by, or on behalf of, any workman or employer appearing to him to be interested, or on behalf of the Board of Trade, and forwarded to the Registrar, Office of the Umpire, 47, Victoria Street, London, S.W., on or before 13th April, 1916.

Notice is further given that the Umpire proposes to give his decision on the above applications on or after 17th April, 1916.

EXTRACT FROM REGULATIONS.

3. If before the date specified in the notice any representations with reference to the application are made in writing to the Umpire by or on behalf of any workman or employer appearing to him to be interested, or the Board of Trade, the Umpire shall take those representations into his consideration, and the Umpire may at any time before the said date require any persons to supply to him such information in writing as he thinks necessary for the purpose of enabling him to give a decision.

All such representations and information shall be open to inspection by any employer or workman appearing to the Umpire to be interested or any persons authorised in that behalf by any such employer or workman or the Board of Trade.

4. Any persons claiming to be interested may apply to the Umpire to be heard by him orally in reference to any application under these Regulations, and the Umpire may, in any case in which he thinks it desirable, require the attendance of any person before him to give oral information on the subject of any application.

The decisions of the Umpire upon the foregoing will be announced in the "Board of Trade Journal" in due course.

THE BUYERS' GUIDE.

For MERCHANTS, MANUFACTURERS & SHIPPERS.

Charges for entries under this heading, 3s. each per week.

Absorbent Blottings—
Tullis, Russell & Co., Markinch, Fife.

Accumulators—
Vandervell, C. A., & Co., Ltd., Warple Way, Acton Vale, W.

Acetylene Lighting and Welding Plant. Flares and Handlamps—
The Acetylene Corporation, Ltd., 49, Victoria Street, Westminster, London.

Acid Jars—
Kennedy, H., & Sons, Ltd., Barrowfield Potteries, Glasgow.

Acid Phosphates—
Weaver Refining Co., Ltd., Manufacturers, Acton Bridge, Cheshire. London Office: 6, Holborn Viaduct, E.C.

Aerial Ropeways—
Cradock, G., & Co., Ltd., Wakefield, England.

Aeroplane Accessories—
Cradock, G., & Co., Ltd., Wakefield, England.

Aeroplane Tubes—
Accles & Pollock, Ltd., Oldbury, Birmingham.

Agricultural Food Preparing Machines—
Bentall, E. H., & Co., Ltd., Heybridge, Maldon, Essex. Telegrams: "Bentall, Heybridge."

Air Brushes and Air Compressors—
Aerograph Co., Ltd., 43, Holborn Viaduct, London, E.C.

Air Gun Slugs, Shot and Darts—
Banks, B. R., & Co., Ltd., Devon Works, Gillett Street, Kingsland High Street, London, N.

Albumen and Yolks of Egg, Whole Egg (Liquid and Dry), Caseln, Essential Oils—
Felton & Crepin, 15, Coopers Row, London, E.C.

Albums—
Chapman & Sons, 5, 6, and 7, Elizabeth Place, Rivington Street, London, E.C.

Alkali Manufacturers—
Ammonia Soda Co., Ltd., Lostock Gralam, Northwich.
Brunner, Mond & Co., Northwich, Cheshire.

Alloys—
Bingham, Charles, & Co., 11, Queen Victoria Street, London, E.C. Works:—Manchester, England, and Notodden, Norway.
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 10, Eastcheap, London, E.C. Molybdenum, Tungsten, Vanadium, Chromium, Aluminium, and all other alloys used in the manufacture of High-grade steels.

COSTUMES. COATS. SKIRTS.

The House for

SMART, WELL-MADE GARMENTS AT POPULAR PRICES.

HEATONS (LEEDS), LTD.,

HEATONS BUILDINGS, NORTH ST., LEEDS.

London:—4 & 5, Old Change (MR. H. E. COLMAN). **Glasgow:**—60, St. Enoch Square (MR. J. THOMPSON).
Belfast:—Grosvenor House, Wellington Place (MR. W. J. BRAND).

GLUES.

Acid Phosphate,

"our well-known Sunrise qualities, Improvers, etc."
Acid Phosphate of Soda.
Acid Phosphate of Ammonia.
Phosphoric Acid, 1500, 1750.
Gelatines.
FINE POWDERED & CAKE GLUES.

The WEAVER REFINING CO., Ltd.
Manufacturers,
Acton Bridge, CHESHIRE.
London Office: 6, HOLBORN VIADUCT, E.C.

John Mathews & Co.,
Hatton Garden Works,
LIVERPOOL.
LONDON OFFICE: 22, BILLITER STREET.

VARNISHES, PAINTS, JAPANS & COLOURS.

Shippers to all parts of the World.
GOVERNMENT CONTRACTORS.
Telegrams: "MATHEWS, LIVERPOOL."

POWER LINE TO MOROCCO.

Regular direct service of first-class steamers taking cargo to and from London and Gibraltar, Rabat, Larache, Kenitra, Mehedia, Melilla, Tetuan, Ceuta, Tangier, Cassablanca, Mazagan, Saffi, and Mogador.
Weather, Strikes, and other circumstances permitting.

ss. PETRIDGE	Closing	April 5th.	Sailing	April 7th.
ss. PANGBOURNE	"	April 19th.	"	April 21st.
ss. PENSHURST	"	May 3rd.	"	May 5th.

For rates of Freight, &c., apply to—THE POWER STEAM SHIP COMPANY, Limited.
(James Power and Co., Managers),
158, LEADENHALL STREET, LONDON, E.C.
Telegraphic Address—"Pouvoir," London. Telephone—Post Office, 2541 City; National, 1525, Avenue.

Almonds and Kernels—
Sclanders, David, & Co., 71, Virginia Street, Glasgow.

Aluminium—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 10, Eastcheap, London, E.C.

Aluminium Founders and Workers—
Coan, Robert W., 219, Goswell Road, London, E.C.

Ammonia—
Brotherton & Co., Ltd., Leeds.

Ammunition Manufacturers—
Curtis's & Harvey, Ltd., Cannon Street House, London, E.C.
Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

Anglo-Dutch Tiles—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Aniline Colour Manufacturers—
Levinstein, Limited, Blackley, Manchester. Also makers of "Kromoline" and specialities for Leather dressing. Telegrams: "Levinstein, Manchester."

Aniline Oil and Salt—
Morris, H. N., & Co., Ltd., Gorton Brook Chemical Works, Manchester, S.E.

Anti-Friction Metal—
Magnolia Anti-friction Metal Company of Great Britain, Ltd., 49, Queen Victoria Street, E.C. Telegrams: Magnolier, London.

Arsenic Acid Manufacturers—
The Crown Chemical Works, Ltd., 63, Crutched Friars, E.C.: and Marshgate Lane, Stratford.

Artificial Flower Manufacturer—
Lynch, John, 2, Spear Street, Manchester. Leaves, Foliages, Seeds, Badges for Flower days, Preserver of Natural Ferns, Grasses, Moss, &c.

Art Pottery (High Class)—
James McIntyre & Co., Ltd., Washington China Works, Burslem.

Art Publishers—
Tuck, Raphael, & Sons, Ltd., Raphael House, Moorfields, London. To their Majesties the King and Queen. Christmas Cards, Postcards, Books, Calendars, Pictures, &c.

Asphalte—
The Seyssel and Metallic Lava Asphalte Co., 42, Poultry, London, E.C.

Asphalte—*continued.*
Val de Travers Asphalte Paving Company, Ltd., Hamilton House, 155, Bishopsgate, London, E.C. Branch in Alexandria (Egypt). Asphalte Mines at Ragusa (Sicily). Sole proprietor of the Seyssel Asphalte Mines, Pyrimont (Ain), France.

Autogenous Welding Supplies—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 10, Eastcheap, London, E.C.

Automatic Coin Weighing Machine Manufacturer—
Oertling, L., Turnmill Street, London.

Automatic Scale Manufacturers—
Pooley, Henry, & Son, Ltd., John Bright Street, Birmingham.

Automatic Weighing Machines—
Denison, Saml., & Son, Ltd., Middlewood, Leeds. Auto-Weighers for Conveyors, Aerial Rope Ways, Railway Tracks, and Overhead Mono-rails.

Bags, Elastic Cotton for Hams, Bacon, Legs of Mutton, &c.—
Venn Bros., Beeston, Notts. Samples free.

Balances (Assay, Chemical, Bullion and Automatic Coin Weighing)—
De Grave, Short & Co. Ltd., 23, Charterhouse Street, London, E.C.

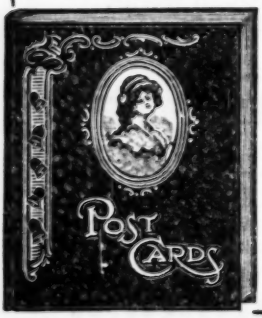
Balances (Assay, Chemical and Bullion)—
Oertling, L., Turnmill Street, London. Two Highest Awards Turin, 1911.

Baling Presses—
Hindle, Son & Co., Beaver Works, Cornbrook Road, Manchester. Sole makers of Hindle's Patent Electric Baling Presses for all purposes. 100 Bales packed for One Unit. "*To operate, simply press the button.*" Telephone—Trafford Park 566.
H. I. Roberts, 42/9, Castle Street, Liverpool. Patentee of Improved Baling Presses to make up to 300 bales per day by hand-power. Require no skilled labour. Especially adapted for Colonial use, also Patent Hydraulic Pump and Patent Adjustable Buckles for lashing bales. Telegrams—Ingenious, Liverpool. Codes A.B.C. and Engineering.

Barium—
Hedworth Barium Co., Ltd., Newcastle-on-Tyne.

Barometers and Thermometers—
Hicks, James J. (Incorporated with W. F. Stanley & Co., Ltd.), 8, 9 and 10, Hatton Garden, London, E.C.

CHAPMAN & SONS,



MANUFACTURERS OF
POSTCARD ALBUMS.
SCRAP ALBUMS.
AMATEUR'S PHOTO ALBUMS.
DISC RECORD ALBUMS.
&c., &c.

STANDARD WORKS,
5, 6 & 7, ELIZABETH PLACE
RIVINGTON STREET,
LONDON, E.C.

CONTRACTOR TO
H.M. STATIONERY
OFFICE,
L.C.C., ETC.

H. SAVAGE,
Rubber Stamp, Ink & Press Maker,
96 & 98, OLD ST., LONDON, E.C.

Dating Stamps,
Self Inking Presses,
Century Pad,
Numbering Machines,
Daters, &c.
Wholesale and Export.
LIST POST FREE.
TEL.: 1798 CENTRAL.
T.A.: "RUBBER, FINSQUARE," LONDON.

A. LOVELL & CO.,
KINGSWOOD, BRISTOL, ENGLAND.
Manufacturers of Nailed Boots for Miners, Diggers, &c.
Manufacturers of the "HOLD-EM-TITE BOOT,"
Registered and Patented.
The most reliable NAILED BOOT made.
Enquiries Solicited.

HALL'S B.B. Cloth & Paper ROLL BLACKBOARDS, &c.
For Teachers' Notes & Sketches.
RULED SHEETS in 16 PATTERNS.
Write for Trade Lists
R. M. HALL, Williams Rd., Moston, MANCHESTER.

Basketware and Wicker Furniture—
Scott, G. W., & Sons, 144, Charing Cross Road, London, W.C. Telephone: Regent 154. T. A.: Picnic, London. Fitted Luncheon and Tea Baskets, Motor Cases.

Baths and Sanitary Castings—
Planet Foundry Co., Ltd., Guide Bridge, near Manchester.

B.B. Cloth and Paper. Roll Blackboards, &c. B.B. Renovator. Cardboard Slates, &c.—
Hall, R. M., Williams Road, Moston, Manchester.

Bedsteads—
Taunton, John and Joseph, Ltd., Sherbourne Road, Birmingham.

Beltings (Solid Woven Hair, Cotton and Conveyor)—
Bright, John, & Bros., Ltd., Rochdale.

Bevelled and Bent Glass—
Stevens, James, & Son, Victoria Glass Works, Dartmouth Street, Birmingham.

Billiard Cloths—
Mitchell, Inman & Co., 39 and 40, Cloth Fair, London, E.C.

Billiard and Bagatelle Tables—
Edwards, George, Kingsland Billiard Works, Kingsland Road, London, N.E.

Binocular Glass Manufacturers—
Ross' Optical Works, 3, North Side, Clapham Common, S.W.

Binoxide of Barium—
Hedworth Barium Co., Ltd., Newcastle.

Birdlimes and Flygums—
Kay Brothers, Ltd., Manufacturing Chemists, Stockport. "Cheshire" and "Dak." Flypapers (Non-poisonous)—"Big Bat" and "Falcon" Brands. Flycatchers (Pendant)—"Vampire," "Flysac," "Scorpion," "Viper," "Flipflap."

Bird Seeds and Foods—
Hyde, R., & Co., Ltd., London, S.E.

Blacking (Nubian) Black and Brown—
The Nubian Manufacturing Co., Lorrimore Street, S.E.

Blankets and Rugs—
Leopold Frank, 1 & 2, Addle Street, London, E.C.

Blankets (Cotton)—
Johnson, J., Hodgkinson & Pearson, Ltd., Manchester.

Blasting Gelatine and Gelignite—
Curtis's & Harvey Ltd., Cannon Street House, London, E.C.
Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

Bleaching Powder—
Brunner, Mond & Co., Northwich, Cheshire.

Boats (Seamless Steel Life Boats and Motor Boats)—
Seamless Steel Boat Co., Ltd., Wakefield.

Boiler Compounds—
Dampney, J., & Co., Ltd., Cardiff. London Office, 87, Bishopsgate, E.C. "Apexior" Compound, basis 98 per cent. carbon. Not a Boiler Fluid. Applied to internal surfaces like paint. Write for interesting booklet.

Boilers (Water-Tube)—
Howden, J., & Co., Ltd., 195, Scotland Street, Glasgow.

Book Cloth and Tracing Cloth Manufacturers—
The Winterbottom Book Cloth Co., Ltd., 12, Newton Street, Manchester. Manufacturers of Bookbinders' Cloth (speciality "Winvis Brand"), Art Fabrics, Morocco Cloths, Buckrams, &c., also Imperial, Excelsior, Sagars, Dowse, Reliance, and Universal brands of Tracing Cloth.

Boot Polish, "Balmoral Glass," Nubian "Ojo Paste"—
The Nubian Manufacturing Co., Lorrimore Street, London, S.E.

Boots and Shoes—
Riley, B. (Desborough), Ltd., Desborough. Established 1868. Manufacturer of Men's and Boys' Boots. Export to all Markets.

Borax and Boracic Acid—
Borax Consolidated Ltd., 16, Eastcheap, London, E.C.

Boxes (Cash and Deed)—
Tann, John, Ltd., 117, Newgate St., London, E.C.

HAWTIN, HORNETT & CO., M. NEUHAFER & LEVI,
Incorporated Brush Factories,
City Show-rooms: 11, FORE ST., LONDON, E.C.
Makers of: "Silwyr" Brand of Hair, Cloth, Hat, Nail, and Tooth Brushes, &c., including Oxidized and fancy Back Brushes.

ESTABLISHED 1840.
'Phone 847. 'Grams—"WEAVING, BIRMINGHAM."

Bent Wireparts Chains, &c.,
FOR
MILITARY EQUIPMENTS
LOWEST PRICES.
ABSOLUTE RELIABILITY.
QUICK DELIVERIES.
Quotations for any Quantities.
GEORGE BAKER,
Cecil Street Wire Works,
BIRMINGHAM.

WILLIAM NEWMAN & SONS, Ltd.,
Manufacturers of all kinds of Floor and Door Springs and Checks, Spring Hinges, Fanlight openers & Window gearing of every description.
PANIC BOLTS.
Hospital St., BIRMINGHAM, Eng.
Enquiries and Indents through Merchants. Estd. 1750.

"THE IDEAL BEVERAGE."
SYMONS'
— DEVONSHIRE —
CYDER.
Simplifies the Summer Drink Difficulty.

A MATURE and delicious liquor, the juice of the finest Devonshire Apples. It is supplied dry or sweet with a body and flavour due to the expert blending of the fruit. The Champagne of Cyders.
Also "SYDRINA," the wholesome Temperance Beverage for Unlicensed Hotels and Restaurants, &c.
WRITE FOR SAMPLES.
Fruit Mills—
TOTNES, DEVON, & RATCLIFF,
LONDON, E.
Or of best Wine Merchants.

Brassfoundry (Builders)—
May & Padmore, Ltd., 118 to 123, Leopold Street, Birmingham.

Brass and Malleable Iron Founders—
Moore Bros., Ltd., "Beehive Foundry," Priory Works, Priory Road, Aston, Birmingham.

Bread Platter Manufacturers—
Bramhall & Co., Rodley Lane, Sheffield. Bread Knives, Butter Platters, &c.

Bridges, Suspension—
Cradock, G., & Co., Ltd., Wakefield, England.

Briquettes (*See Patent Fuel*)**—**
The Crown Preserved Coal Co., Ltd., Cardiff.

Brush and Broom Manufacturers—
Ludbrook, S., & Co., Ltd., Mile End, London, E.

Brush Manufacturers—
Hawtin, Hornett & Co., M. Neuhafer & Levi, City Showrooms: 11, Fore Street, London, E.C.

Building Materials—
Jennings, C., & Co., 879, Pennywell Road, Bristol. Send 1s. 9d. for Four-fold Rule and 270 page Illustrated Catalogue of all descriptions of Timber, Woodwork, Portable Buildings, Bungalows, &c.

Button Fastening Machines for rapidly and securely attaching Buttons to Garments, Shoes, Men's Caps, &c., &c.
The Turret Button Co., Ltd., 12/16, Westmoreland Place, City Road, London, N.

Button Machines for Covering Metal Moulds with Fabric—
The Turret Button Co., Ltd., 12/16 Westmoreland Place, City Road, London, N.

Buttons for Dresses, Mantles, Blouses, &c., also Upholstery—
The Turret Button Co., Ltd., 12/16, Westmoreland Place, City Road, London, N.

Cable Making Machinery—
Glover, W. T., & Co., Ltd., Trafford Park, Manchester.

Cables and Wires—
Glover, W. T., & Co., Ltd., Trafford Park, Manchester.
Henley's, W. T., Telegraph Works Co., Ltd., London, E.C.
Hooper's Telegraph and India-rubber Works, Ltd., London, E.C.
Western Electric Company, Ltd., Norfolk House, Norfolk Street, London, W.C.; Works—North Woolwich, E.

Cableways and Runways—
Cradock, G., & Co., Ltd., Wakefield, England.

Calcium Carbide—
Acetylene Corporation, Ltd., 49, Victoria Street, Westminster, London.
Bingham, Charles, & Co., 11, Queen Victoria Street, London, E.C. Works:—Manchester, England, and Notodden, Norway.

Camera and Shutter Manufacturers—
Ross' Optical Works, 3, North Side, Clapham Common, S.W.

Camera and Shutter Manufacturers—*continued.*
Thornton-Pickard Manufacturing Co., Ltd., Altrincham, England. Telegraphic Address: "Pickard, Altrincham." Telephone Number: 69 Altrincham.

Candle Manufacturers—
Price's Patent Candle Co., Ltd., Battersea Works, Battersea, London, S.W.

Carbonate of Ammonia—
Western Chemical Co., Greenock, Scotland. Sole Makers of "Thistle Brand" (Regd.).

Canvas (Cotton), Motor Ducks and Fabrics—
Bright, John, & Bros., Ltd., Rochdale.

Carbolic Acid—
Miller, James, Son, & Co., Glasgow.

Carpet Machinery—
Hutchinson, Hollingworth & Co., Ltd., Dobcross Loom Works, Dobcross, Yorks. Telegraphic Address: Foundry, Dobcross. Railway Station: Saddleworth, L. & N. W.

Cartridge Manufacturers—
Curtis's & Harvey, Ltd., Cannon Street House, London, E.C.
Nobel's Explosives Co., Ltd., Glasgow.

Casein and Milk Food Products—
Casein, Ltd., Culvert Works, Battersea, London. Manufacturers of Casein for all known uses, milk products and by-products.

Cattle and Pig Troughs—
W. P. Butterfield's, Ltd., Shipley, Yorks. Telegrams: "Tanks, Shipley." Tele.: 35 Shipley.

Chemical Brokers—
Barr, James C., 180, West Regent Street, Glasgow. Acids, various, Alum Cake, Bleaching Powder, Bicarb, Bisulphite, Caustic and Sulphite Soda, Epsoms, Commercial and Druggist, Glauber's Salt, Sulphate Alumina, Magnesium Chloride.

Chemical Glassware—
Reynolds & Branson, Ltd., Leeds.

Chemical Manufacturers—
Acme Chemical Co., Ltd., Tonbridge, Kent, and River Street, Bolton, Lancashire. Arsenite of Soda, Arseniate of Lead, paste and powder, Powder Sheep Dip (Arsenical), approved by Board of Agriculture, for Scab in Great Britain. "Acme" Weed Killer, permanently destroys Weeds. Quassia Chips. "Fumerite," for Destroying Ground Vermin, such as Ants, Slugs, Wireworm, &c. Tree Washes.
Anglo-Continental Guano Works, Dock House, Billeter Street, E.C.
Blythe, Wm., & Co., Ltd., Church, Lancs.
British Dyes, Ltd., Huddersfield.
Brunner, Mond & Co., Ltd., Northwich, Cheshire.
Crown Chemical Works, Ltd., 63, Crutched Friars, E.C.; and Marshgate Lane, Stratford.
Hedworth Barium Co., Ltd., Newcastle.

BRUSHES & BROOMS.

S. LUDBROOK & Co., Ltd.,
MILE END,
LONDON.

Chemical Manufacturers—*continued.*
McDougall Brothers, Ltd., 66/68, Port Street, Manchester. Sheep Dips and Cattle Dressings, Arsenite of Soda, Veterinary Preparations, Disinfectants of all kinds, Fruit Tree Washes and Weed Killers, etc.
Miller, Jas., Son & Co., Glasgow.
Morris, H. N., & Co., Ltd., Gorton Brook Chemical Works, Manchester, S.E.
Riley, John, & Sons, Ltd., Hapton, Lancashire.

Chemical Manure Manufacturers—
Cross, Alexander, & Sons, Ltd., 19, Hope Street, Glasgow.

Chemical Plant and Machinery—
Scott, George, & Son (London), Ltd., Kingsway House, Kingsway, London, W.C.

China Clay—
Lovering, John, & Co., St. Austell.
Wheal Rashleigh and Criggan China Clay Co., Ltd., 7, Arundel Street, Strand, London, W.C.

Christmas Cards—
Hutson Bros., 53a, Aldersgate Street, London, E.C.

Christmas Stockings, Crackers, and Surprise Packets, &c.—
Jones, G. E., 79, 81 and 81A, Mortimer Road, Kingsland, London, N.

Cleaning Machinery for Miners' Safety Lamps—
Ackroyd & Best, Ltd., Morley, near Leeds.

Clock Manufacturers (Turret and House)—
Joyce, J. B., & Co., Ltd., Whitchurch, Shropshire.

Clothing, Cap and Helmet Manufacturers (Army, Police and Railway)—
Hobson & Sons. Head Office: 1, 3, and 5, Lexington Street, London, W. Contractors to the War Office, Admiralty, H.M. Customs, Board of Trade, the Territorial Force, Police, Tramway, &c. Factories: 154-164, Tooley Street, London, S.E., and High Street Factory, Woolwich.
Smith, James, & Co. (Derby), Ltd., Drewry Lane Works, Derby. Contractors to War Office, Principal Railways, Police and Trams, &c.

Clothing Manufacturers (Army, Police and Railway)—
Hammond, John, & Co., Ltd., Newcastle, Staffs.
Webb, C. & J., & Co., Ltd., Burdett Road, London, E. Contractors to War Office, Post Office, Railways, Police, Docks and Trams, &c. London and South Africa.

Coal and Coke—
Cory Bros., & Co., Ltd., Cardiff.
The Pemberton Colliery Co., Ltd., 7, Rumford Street, Liverpool. House, Gas, Steam and Bunker Coal, and Furnace Coke. Telegrams—"Bee," Liverpool. Telephone—1016 Liverpool Central.
Wigan Coal and Iron Co., Ltd., Wigan.

Coal Depot Proprietors—
Cory Bros. & Co., Cardiff.
Miller, James, Son, & Co., Glasgow.

Coal Tar—
Miller, James, Son, & Co., Glasgow.

Coal Tar Colours and Products—
British Dyes, Ltd., Huddersfield.

Coal Tar Products—
Greenshields, James, & Co., Ltd., 54, Gordon Street, Glasgow.

Coatings (Cotton)—
Johnson, J., Hodgkinson & Pearson, Ltd., Manchester.

Coffin Furniture—
Ingall, Parsons, Clive & Co., Ltd., Warwick Works, Bradford Street, Birmingham, and 151A, Euston Road, London, N.W., &c., &c.

Cold Store Insulation (Cork)—
Mitchell, N. W., & Sons, Ltd., "Delta" Brand Cork Slabs and Pipe Coverings, 1, Dod Street, Limehouse, London, E. Cables: "Sprucewood, London." Codes: Western Union and A. B. C. 5th Edition.

Collapsible Tubes—
Venesta, Ltd., 1, Great Tower Street, London, E.C.

Colliery Owners—
Cory Bros. & Co., Cardiff.
The Wigan Coal and Iron Co., Wigan.

Colour Printing (Lithographic)—
Johnson, R., & Sons, Ltd., Pollard Street, Manchester. Children's Book Covers—Illustrations—Canned Goods Labels, Show Cards, Shippers' Tickets, &c. (on Paper and Linen).

Comb Manufacturers—
Aberdeen Comb Works Co., Ltd., The, Aberdeen, Makers of Real Horn and "Keronyx" Dressing Combs, Barber Combs, Ladies Real Horn Fancy Combs, and combs of every description, all non-inflammable. Warehouse: 43, Basinghall Street, London, E.C.

Compasses (Magnetic)—
Barker, F., & Son, 12, Clerkenwell Road, E.C.

Concertinas (English), Æolas and Duet Concertinas—
Wheatstone, C., & Co., 15, West Street, London, W.C.

Conveyors and Elevators for the Economic Handling of Material in Bulk.
The Chain-Belt Engineering Co., Colombo Street, Derby.

Copper Tape, Wire Rope, &c.—
Henley's, W. T., Telegraph Works Co., Ltd., London, E.C.

Corn Grinding Mills—
Bentall, E. H., & Co., Ltd., Heybridge, Maldon, Essex. Telegrams: "Bentall, Heybridge."

Costumes—
Heatons (Leeds), Ltd., Heatons Buildings, North Street, Leeds. Ladies' and Maids' Tailor-Made Costumes, Coats and Skirts. Registered Trade Marks: "Alwetha" Raincoats, "ESIW" Serges.

Cotton Bags—
Feltham, W. H., & Son, Imperial Works, Tower Bridge Road, London.
Judge, T. & W., London, S.E.

Cotton Cleaning Waste—
Spencer & Curedale, Ltd., Bury Ground Works, Bury.

Cotton Driving Ropes—
Hart, Thomas, 12 & 14, Town Hall St., Blackburn; Lambeth Rope Works, Blackburn. Telephone, 10, Blackburn. Telegraphic Address, "Hart, Blackburn."

Cotton Goods—
Anderson, D. & J., Ltd., Bridgeton, Glasgow.
Lowthian, Drake & Co., 15, Aytoun Street, Manchester (Fancies, Linings, Shirtings, &c.).
Spinner, E., & Co., Manchester.

Cotton Motor Tyre Ducks, Sailcloth and General Cotton Goods—
Bright, John, & Bros., Ltd., Rochdale.

Cotton Spinners and Manufacturers—
Partington, R. & J., Ltd., 40, Portland Street, Manchester. Dongarees, Jeans, Grandrills, White and Khaki Drills, Grey and Coloured Pocketings, Harvard Shirtings, Galateas, Dyed and Printed Linings.

Cranes—
Waygood-Otis, Ltd., Falmouth Road, London, S.E. Est. 1833. Represented in Provinces and Abroad.

Crane Weighing Machines—
Salter, Geo., & Co., West Bromwich.

Creosoting Plant—
Black, George, & Sons, Tweedmouth Boiler Works, Berwick-on-Tweed.

Cutlery (Stainless Steel)—
Barrow, S., & Co., 102-104, Victoria Street, London, S.W. Telephone: Victoria 7670 two lines. (See Advt.)

Cyder Makers—
Symons, J., & Co., Ltd., Totnes, Devonshire.

Cylinder and Cistern Manufacturers—
W. P. Butterfield's, Ltd., Shipley, Yorks. Tele.: "Tanks, Shipley." Telephone: 35 Shipley.

Decklights and Porthole Glasses—
Stevens, James, & Son, Victoria Glass Works, Birmingham.

Decorative Tiles—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Dermatine for various purposes—
Hose, Belting, Packing Rings, Air Pump Valves, &c. Dermatine Co., Ltd., Neate Street, London, S.E.

Detonators—
Curtis's & Harvey, Ltd., Cannon Street House, London, E.C.
Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

Diamond Grit Manufacturers (for Sawing and Rubbing Granite, Freestone, Marble, &c.)—
Harrison Bros. (Diamond Grit, Round and Cornered, Shot, Globules, or Iron Sand, Pneumatic Tools, Stone Working Machinery, Cranes, Jacks, &c., also supplies of all kinds), Atlas Foundry, Middlesbrough, England. T.N. 391. T.A. "Diamond."

Diving Apparatus Manufacturers—
Heinke, C. E., & Co., 87, 88, 89, Grange Road, London, S.E.

Doll Manufacturers—
Bell & Francis, Ltd., Willowbrook Works, Trafalgar Road, Peckham, London, S.E. Rag and Composition Dolls, dressed and undressed.

Door Springs—
Newman, William, & Sons, Ltd., Hospital Street, Birmingham, England.

Drain Pipes—
Candy, Hall Green, Birmingham. Telegraphic Address:—"Copings" Birmingham.

Drawing Instrument Makers—
Stanley, W. F., & Co., Ltd., Great Turnstile, Holborn, London, W.C.

Drawing Office Stationery—
Stanley, W. F., & Co., Ltd., Great Turnstile, Holborn, London, W.C.

Dredgers and Excavators—
Rose, Downs & Thompson, Ltd., Old Foundry, Hull; and 12, Mark Lane, London, E.C. Sole makers of the "Kingston" double-chain Grab Dredger and Excavator.

Drill and Longcloths—
Johnson, J., Hodgkinson & Pearson, Ltd., Manchester.

Druggists—Manufacturing and Export—
Baiss Brothers & Stevenson, Ltd., Grange Works, Bermondsey, London, S.E. Est. 1833. Manufacturers and Exporters of Fine Chemicals and Drugs, Pharmaceutical Preparations, Essential Oils, Druggists' Sundries, Surgical Instruments, &c. Government Contractors. Price Lists in various languages. Tel. Address: Ipecac, London. A. B. C. Code 4th and 5th Eds.
Bell, Sons & Co., Ltd., Liverpool. Established over 70 years. Drugs and Medicines for Tropical Countries a Speciality. Telegrams: Bellson, Liverpool. A B C Code, 5th Edition.
Corbyn, Stacey & Co., Ltd., Brunton's Wharf, 673, Commercial Road East, London.

Dry Core Telephone Cable—
Glover, W. T., & Co., Ltd., Trafford Park, Manchester.

Dyes and Colours for Textile Trades—
Snowdon, Sons, & Co., Ltd., Millwall, London, E.

Dynamite—
Curtis's & Harvey, Ltd., Cannon Street House, London, E.C.
Nobel's Explosive Co., Ltd., Nobel House, 195, West George Street, Glasgow.

Egg Yolk—
Roxburgh, Robert, Ltd., Nineveh Road (off Soho Road), Birmingham.

Electric Bells, Telephones and Clocks—
Gent & Co., Ltd., Faraday Works, Leicester.

Electric Fuses—
Curtis's & Harvey, Ltd., Cannon Street House, London, E.C.
Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

Electric Lamp Makers (Drawn Wire and Carbon)—
The Edison & Swan United Electric Light Co., Ltd., Ponders End, Middlesex.

BILLINGTON & NEWTON
TRADE MARK
B. N. TRADE MARK
LONGPORT. STAFFORDSHIRE
PHOSPHOR BRONZE. TIN & COPPER
BABBETT'S. KINGSTON'S. NAMO. PLASTIC.
AND MAGNOLIA ANTIFRICTION METALS.
INGOTS & CASTINGS. ANY WEIGHT.
MANGANESE BRONZE

Electric Motor Vehicle Lamps—
Vandervell, C. A., & Co., Ltd., Warple Way, Acton Vale, W.

Electric Portable Pocket Lamps, &c. (Dry Batteries of all kinds)—
Surrey Electrical Co., Ltd., Surrey Lane, Battersea, London, S.W.

Electrical and General Engineers—
Baxter & Caunter, Ltd., 219, Tottenham Court Road, London, W. Exporters of all kinds of Electrical Machinery, Accessories and small supplies. Write for general list. "Everything Electrical," Second Edition.
Jackson, T., & J., Ltd., 15, Hill Street, Park Road, London, N.W. Small Electric Lighting Sets for Country Houses.
The Edison & Swan United Electric Light Co., Ltd., Ponders End, Middlesex.
The Wardle Engineering Co., Ltd., 196, Deansgate, Manchester. Exporters of all kinds of Electrical Machinery, Plant, Switchgear, Lighting Fittings and Electrical Accessories.

Electrical and Mechanical Engineers and Contractors—
Henley's, W. T., Telegraph Works Co., Ltd., Blomfield Street, London, E.C.
Hooper's Telegraph and India-rubber Works, Ltd., 31, Lombard Street, London, E.C.

Electrical Porcelains for every purpose—
James McIntyre & Co., Ltd., Washington China Works, Burslem.

Electrical Wood Casings, Cappings, and Woodwork—
Jennings, C., & Co., 879, Pennywell Road, Bristol. Send 1s. 9d. for Four-fold Rule and 270 page Illustrated Catalogue of all descriptions of Timber, Woodwork, Portable Buildings, Bungalows, &c.

Electro Plate. (Souvenir Spoons, Condiment Sets and Small Table Ware.
Wilks, Charles, 14½, 15 & 16, Mott Street, Birmingham.

Electro Plating Machinery and Materials—
Canning, W., & Co., Great Hampton Street, Birmingham.

Emery Wheels—
Luke & Spencer, Ltd., Broadheath, near Manchester. Tele. Address—"Emery, Altrincham."

Enamel, Decorative and Protective—
Randall Bros., 22, Sherwood House, Piccadilly Circus, London, W.

Enameller, Silver and Gilt Jeweller (Souvenir, Crest and View Goods)—
Gomm, Frank R., Hertford Works, 32, Spencer Street, Birmingham.

Encaustic Tiles—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Engine Packings. S.E.A. Rings—
Trist, Ronald, & Co., Ltd., 4, Lloyd's Avenue, London, E.C.

Engine Packings, Superheat—
Snowdon, Sons, & Co., Ltd., Millwall, London, E. Snowdons' Metallic Packing.

Engineers—
Haslam Union Foundry, 175/177, Salisbury House, London Wall, E.C.

Engineers, Constructional—
Humphreys, Ltd., Knightsbridge, London, S.W.

Engineers' Ironfounders—
Wigan Coal and Iron Co., Ltd., Wigan.

Engineers and Millwrights—*General*—
Aveling & Porter, Rochester (Locomotives, Road Rollers, &c.)
Baird, W., & Co., Glasgow (Pig Iron, Coal, Coke, &c.)
Gillott, John, & Son, Lancaster Works, Barnsley, Yorks, Eng.
Palatine Engineering Co., Liverpool.
Saxby & Farmer, Head Offices, 53, Victoria St., Westminster, S.W.; and Works, Chippenham, Wilts.

Essence Manufacturers—
Hay, William, Ltd. (Concentrated Soluble and Fruit Essences). Head Office and Laboratories: Hull. London Depôt; 3, York Street, Walworth, S.E.
Idris & Co., Ltd., London, N.W.

Exhibition Contractors (Home and Abroad)—
Humphreys, Ltd., Knightsbridge, London, S.W.

Explosives—
Curtis's & Harvey, Ltd., Cannon Street House, London, E.C.
Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

Fancy Goods (Jewellery and Electro Plate)—
Simons, E., 100 & 101, Houndsditch, London, E.C.

Fancy Metal Goods—
Walker, Joseph, Augusta Works, Warstone Lane, Birmingham.

Fancywood Merchants—
Gardner, Joseph, & Sons, Bootle, Liverpool.

Fans, Open Propellers or Blowers and Exhausters—
Matthews & Yates, Ltd., Cylone Works, Swinton, Manchester. Makers of Cyclone Fans, Cyclone Motors, direct or alternating current. Very High Class Machines. Write for catalogue 170.

Feathers for Pillows—
Martin & Co., John, 22, Jordan Street, Liverpool. Feather Purifiers. Telegrams: "Curler, Liverpool."

Feed Water Regulators or Controllers. Thermofeeds—
Trist, Ronald, & Co., Ltd., 4, Lloyd's Avenue, London, E.C.

Ferro-Alloys—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 10, Eastcheap, London, E.C.

Fertilisers and Feeding Stuffs—
Barber & Garratt, 19, Old Hall Street, Liverpool. Telegrams: "Beagle, Liverpool." Codes: A.B.C. 4th and 5th Edition and Western Union; Lieber's and Baltimore Export.
Cross, Alexander, & Sons, Ltd., 19, Hope Street, Glasgow.
Fison, Joseph, & Co., Ltd., Ipswich.

Field Glass and Telescope Manufacturers—
Ross' Optical Works, 3, North Side, Clapham Common, S.W.

Files—
Flockton, Tompkin & Co., Ltd., Newhall Steel Works, Sheffield. "I O I" High Speed Files, also Crucible Cast Steel Files.

TRADE MARK: BARROW Everbright STAINLESS STEEL
SHEFFIELD MADE
The Guaranteed STAINLESS Cutlery.
Dispenses with the drudgery of Knife Cleaning for ever.
Send for Illustrated Catalogue.
S. BARROW & Co., 102-104, Victoria St., London, S.W.

EGG ALBUMEN
YOLKS OF EGG & WHOLE EGG
(Dry and Liquid).
Casein, Edible and Technical Essential Oils.
FELTON & CREPIN, 15, Coopers Row, LONDON, E.C.

JOHN BRIGHT & BROS. LTD.
ROCHDALE, ENGLAND
COTTON DUCKS, MOTOR DUCKS,
BALATA & BELTING DUCKS,
FILTER PRESS CLOTH, SAIL CLOTH,
HAIR BELTING, COTTON BELTING,
FLANNELETTES, HARVARDS,
TAPESTRY CARPETS.
TRADE MARK

Firearms—
Midland Gun Co., Bath Street, Birmingham.

Fireplaces, Enamelled in Colours and in Brick Red—
Carter & Co. Ltd., Encaustic Tile Works, Poole.

Flag Manufacturers—
Lowe, Richard A., & Co., 6 and 8, Mayes Street, Manchester. Cotton, Bunting Flags, Paper and Calico Streamers, Skip Ropes, Rag Dolls, &c.

Flarelights and Handlamps, Acetylene—
The Acetylene Corporation, Ltd., 49, Victoria Street, Westminster, London.

Flour Milling Engineers—
Robinson, Thomas & Son, Ltd., Rochdale. London: 79, Queen Victoria Street, E.C.
Turner, E. R. and F., Ltd. (169) Ipswich, and 82, Mark Lane, London, E.C.

Fluorspar—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 10, Eastcheap, London, E.C. The Steel Maker and Iron Founders Flux.

Forced Draft Apparatus—
Howden, J., & Co., Ltd., 195, Scotland St., Glasgow.

Foundry—
Haslam Union Foundry, 175/177, Salisbury House, London Wall, E.C.

Foundry Requisites—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 10, Eastcheap, London, E.C. Plumbago, Ferro Silicon, Ferro Manganese, and all foundry requisites.

French Chalk—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 10, Eastcheap, London, E.C. Largest importers of all grades of Talc.

French Polish Manufacturers—
Jackson, James & Co., Major Works, Jamaica Road, London, S.E. (founded 1827 in Union Street, Borough, S.E.), manufacturers French Polish, Spirit Varnishes, Knotting, Stains, Lacquers. Shellac and Glue Merchants, &c.

Friction Clutches—
King, H. J. H., & Co., Ltd., Newmarket Engineering Works, Nailsworth, Glos.

Fuller's Earth—
Fuller's Earth Union, Ltd., 163, Fenchurch Street, London, E.C.

Fuse—
Curtis's & Harvey, Ltd., Cannon Street House, London, E.C.

Galvanized Steel Barbed Wire Netting—
Rowat, A., & Co., Ltd., Patentees and Sole Makers, 18, Watson Street, Glasgow, Scotland.

Galvanizers—
W. P. Butterfield's, Ltd., Shipley, Yorks. Telegrams: "Tanks, Shipley." Tele.: 35 Shipley.

Gas Engine Makers—
The Haslam Foundry and Engineering Co., Ltd., Pontifex & Wood, London, Union Foundry, Derby.

Gauge Glasses—
Butterworth Bros., Newton Heath, Manchester.
Guilbert-Martin (Beacon and Titan), 9, Edmund Place, London, E.C.
Tomey, Joseph, & Sons, Messrs., Ltd., Manor Glass Works, Aston, Birmingham.

Gauge Glass Protectors—
Tomey, Joseph, & Sons, Messrs., Ltd., Manor Glass Works, Aston, Birmingham.

Gauge Indicators—
Trist, Ronald, & Co., Ltd., 4, Lloyd's Avenue, London, E.C.

Gauges (Rain and other Water Gauges)—
Kent, Geo., Ltd., High Holborn, London, W.C.

Gelatine Dynamite—
Curtis's & Harvey, Ltd., Cannon Street House, London, E.C.
Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

Gilt Jewellery Manufacturers—
Stratton & Co., Ltd., 85, Bromsgrove Street, Birmingham.

Glass Bottle Manufacturers—
The Rylands Glass and Engineering Co., Ltd. Barnsley, England, and 11, Dyer's Buildings, Holborn, London, E.C. Telegrams—"Rylands, Barnsley." "Billands, Smith, London."

Glass Manufacturers—
Stevens, James, & Son, Dartmouth St., Birmingham.

Glass Works—
Stevens, James, & Son, Dartmouth St., Birmingham.

Glauber Salts—
Morris, H. N., & Co., Ltd., Gorton Brook Chemical Works, Manchester, S.E.

Glazed Bricks—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Globes and Scientific Apparatus—
Philip, George, & Son, Ltd., 32, Fleet Street, London. Tellurians, Planispheres, Meteorological and Surveying Sets.

Glue—
Ihlee & Sankey, 38, Wilson Street, Finsbury, London, E.C.

Glue Manufacturers—
Bristol Manufacturers, Ltd., Bedminster Parade, Bristol. Tel. Address: "Gelatine." Telephone 900. Concentrated Size in bulk. Pure Hide Glue only.
Massey, C., & Son, Ltd. (Home and Export Qualities and Size Powders), 12, St. Mary Axe, London, E.C. 'Phone 5381 Avenue. Telegrams: "Twelmarax, London"
Weaver Refining Co., Ltd., Manufacturers, Acton Bridge, Cheshire. London Office: 6, Holborn Viaduct, E.C.

Glycerine—
Price's Patent Candle Co., Ltd., London, S.W.

Golf Balls—
Henley's, W. T., Telegraph Works Co., Ltd., London, E.C. ("Melfort" and "Henley.")

Grabs—
Hone's Patent Grab for Handling Coal, Coke, Grain, Ballast, Ore, Scrap Iron and other open bodies.—Joseph Westwood & Co., Ltd., Napier Yard, Millwall, E.

Grease Manufacturers—
Sandeman Brothers, Ruchill Oil Works, Glasgow.
The Stern Sonneborn Oil Co., Ltd., Royal London House, Finsbury Square, London, E.C.

Greaseproof Paper (British made)—
Powell, Lane & Co., Paper Works, Gloucester, England.

Grinding Machinery—
Chemical Engineering Co., 49, Deansgate, Manchester. "KEK" Patent Mill. Chemical Plant Specialists. Telegraphic Address: "Calling," Manchester.

Grindstone Manufacturers—
Kell, Richard, & Co., E. Exchange Buildings, Queen Street, Newcastle-on-Tyne.

Grocers' and Butchers' Outfittings—
Parnall & Sons, 21 and 22, Narrow Wine Street, Bristol. Makers of Grocers' Canisters, Display Bowls, Tickets, Butchers' Machinery and Tools of every description. T.N. 4008 Bristol. T.A. "Scales" Bristol.

CURLED HAIR

For Upholsterers, Bedding Manufacturers, Motor Car and Railway Carriage Builders, &c.

Samples and quotations sent post free to any part of the World.

JOHN MARTIN & CO., 22, Jordan St., Liverpool.

Hair Curlers and Wavers of every Description.

ALSO
Metal Buckles, Clips, &c., for Garters, Armlets, &c.
Panel and Escutcheon Pin fine Wire Nails.
THOS. HOPE, Central Works, Watery Lane, BIRMINGHAM

Gummed Paper Makers—
Jones, Samuel, & Co., 7, Bridewell Place, London, E.C. (Patent Non-Curling Gummed Paper).

Gums (Liquid)—
Hollidge, E. J., Ltd., Rutland Road, South Hackney, London, N.E.

Gunpowder—
Curtis's & Harvey, Ltd., Cannon Street House, London, E.C.

Hair Curlers, Lead Dress Weights, &c.—
Thos. Hope, Central Works, Watery Lane, Birmingham.

Hair for Upholsterers—
Martin & Co., John, 22, Jordan Street, Liverpool. Curled Hair Manufacturers. Telegrams: "Curler, Liverpool."

Hardware Merchants—
Edwards Bros., Ormond Street, Liverpool.

Hardwood Merchants—
Gardner, Joseph, & Sons, Bootle, Liverpool.

Hat Manufacturers' Materials—
Hat Materials Limited, Collingdon Street, Luton. Every requisite for the Straw and Felt Hat Trades. Home and Export. Special attention given to Continental requirements. Telephone No. 456.

Hats—
Hall & Phillips, Ltd., Wholesale Felt Hat Manufacturers, Nuneaton, England, and 27, Milton Street, London, E.C. Specialities—Wool Felt Hats, Hard or Soft. Napped Hats, Fez and Malay Caps, &c., for Home and Export. Contractors to Home and Colonial Governments, Crown Agents, &c. 'Phone: 17 Nuneaton; London Office: 3445 City. Telegrams: Hall, Nuneaton. Cable Code: A. B. C. 5th edition.

High Pressure Steam and Water Jointing Cement—
Billson, J. T., Upper Toll Street, North Shields. Sole manufacturer of Billson's Panoplix Jointing Cement and Improved Joint Packing Ring. High Pressure Steam and Water Jointing Cement will stand Superheated Steam and is used for Oil fuel pipe joints; used on Admiralty work.

High Speed Engines—
Howden, J., & Co., Ltd., 195, Scotland St., Glasgow.

Hoops (Wood) and Coopers' Rushes—
Rawson, W., & J. Robinson, Humber Street, Hull.

Hops (packed in any weight package to suit Buyers' requirements)—
Le May, W. H. & H., 67, Borough High Street, London, S.E.

Horticultural Builders—
Riley, G. W., Herne Hill, London, S.E.

Hospital Furniture—
Pelham Surgical Instrument Co., Ltd., Pelham Street, Nottingham. "Record" Syringes, Hospital Furniture, Operating Tables, Stretchers, &c. London Office and Showrooms, 30, Craven Street, Strand, W.C. Telephone 2221 Gerrard.

Hydro Extractors—
Thomas Broadbent & Sons, Ltd., Central Iron Works, Huddersfield. Telegrams: "Broadbent, Huddersfield." Code: A.B.C. 5th Edition.

Ice Machine Manufacturers—
Haslam Union Foundry, 175/177, Salisbury House, London Wall, E.C.

Ice-Making and Refrigerating Machinery—
The Pulsometer Engineering Co., Ltd., Nine Elms Iron Works, Reading, and 11, Tothill Street, Westminster, London, S.W. Branches at Glasgow, Liverpool, Manchester, Leeds and Birmingham.

Incandescent Gas Mantles—
Curtis's & Harvey, Ltd., Cannon Street House, London, E.C. ("Ironclad" Mantles).

Incandescent Lamps—
Henley's, W. T., Telegraph Works Co., Ltd., London, E.C.

India-rubber Manufacturers—
North British Rubber Co., Ltd., Edinburgh.

India-rubber Goods Manufacturers—
Heinke, C. E., & Co., 87, 88, 89, Grange Road, London, S.E.

India-rubber, Gutta-percha and General Manufacturers and Patentees—
Sheath Bros., 87, City Road, London, E.C. Noiseless Rubber Stair Treads, and Perforated Rubber Mats. Speaking Tube Fittings.

Inks (Writing and Copying)—
Hollidge, E. J., Ltd., Rutland Road, South Hackney, London, N.E.

Insulated Cables—
Henley, W. T., Telegraph Works Co., Ltd., London Wall.
Hooper's Telegraph & India Rubber Works, Ltd., London, E.C.

Iron Buildings—
Humphreys, Ltd., Knightsbridge, London, S.W.
Riley, G. W., Herne Hill, London, S.E.

Ironfounders—
Saxby & Farmer, Head Offices, 53, Victoria St., Westminster, S.W., and Works, Chippenham, Wilts.

Ironmasters—
Baird, Wm., & Co., Ltd., Gartsherrie, N.B.
Parkgate Iron and Steel Co., Ltd., Rotherham.
Stewarts & Lloyds, Ltd., Glasgow & Birmingham.
The Wigan Coal and Iron Co., Wigan.

Jam Jars—
Kennedy, H., & Sons, Ltd., Barrowfield Potteries, Glasgow.

Jams, Jellies, & Marmalades—
Robertson, James, & Sons, Preserve Manufacturers, Ltd., Droylsden, Manchester. Sole manufacturers of celebrated "Golden Shred" Brand. T.A. "Marmalade," Droylsden.

Jewellery Manufacturers—
British Gold Plate Co., Commercial Buildings, Icknield Street, Birmingham. Rolled Gold, Necklets, Brooches, Pendants, &c.
Crompton, Robert, Pemberton Street, Birmingham.
Johnstone, G. H., & Co., Ltd., 37 & 38, Northampton Street, Birmingham. Gold Sleeve Links and Studs.
Wainwright, Joseph, 184, Warstone Lane, Birmingham. (Gold Platinum and Gem Fancy Jewellery, Brooches, Pendants, Rings, &c., &c.).

BUTTERWORTH BROS, LIMITED.
Needle Lubricators, Drip Cups, Machinery Glass.
GAUGE GLASSES.
"TENAX" For High Pressure (Also Enamelled Striped)
Newton Heath Glass Works, MANCHESTER.

MICA
And all Electrical Insulating Materials.
ATTWATER & SONS,
Contractors to Admiralty & War Office,
PRESTON, ENGLAND.

Jewellery Manufacturers—*continued.*
Wilcox, Alfred, 84, Vyse Street, Birmingham; and at 23, Ely Place, London.
Wright & Hadgkiss, Ltd., 9, Vyse Street, Birmingham. Code A.B.C. 5th Edition.

Jewellery, Watches, Clocks, Optical Goods, &c.—
Elliott, J., Wholesale and Manufacturing Jeweller, Parade Works, Nottingham.

Jointing Materials—
Trist, Ronald, & Co., Ltd., 4, Lloyd's Avenue, London, E.C.

Khaki Cotton Goods—
The Manchester Khaki Co., Ltd., 1, Booth Street, Manchester.

Knife Cleaning Machine—
Besway, Ltd., 44/46, Eagle Street, London, W.C. (Small Size, Low Price, suitable Export.)

Knitting Machinery—
The Harrison Patent Knitting Machine Co., Ltd., 113, Upper Brook Street, Manchester. Tel. Ad.: "Patentee," Manchester. Tel. No. 7133.

Labels—
Fisher, Clark & Co., Boston, England.

Lace, Nettings, Hosiery—
Trivett, L.O., Ltd., Nottingham. Plain and Fancy Nets, Hosiery, Veilings, Lace Assortments. Telegrams: "Trivett, Nottingham." National Telephone 576. Codes: Liebers A.B.C. 4th Edition.

Lacquers (Manufacturers of every description)—
Llewellyn Ryland, Ltd., Baskerville Place, Birmingham.

Lampshades (Silk Beads, &c.)—
Ellis, Simpson & Saunders, 3 and 4, St. Martin's Court, Ludgate Hill, London, E.C.

Laundry Engineers—
Smith & Paget, Crown Works, Keighley.
Townend, Fred., & Co., Albion Works, Acton, London, W.

Laundry Supplies—
The Clenblumel Co., Tockwith, York.

Lawn Tennis Racket Manufacturers, &c.—
Davis, F. A., Ltd., Brooke's Market, Brooke Street, Holborn, London, E.C.

Lead-Lined Flushing Cisterns for Water Closets—
Claughton Bros., Ltd., Bramley, Leeds. Makers of "Niagara" and "Japkap" Syphon Waterwaste Preventers. Hydraulic Solid Drawn Lead Traps, Bends, and Offsets. Plumbers' Cast Lead Goods, Socket Tacks, Terminals, &c. Telephone: Stanningley 93. Telegraphic Address: "Claughtons, Stanningley."

Lead Traps and Bends—
Glover, W. T., & Co., Ltd., Trafford Park, Manchester.

Leather Belting Manufacturers—
Walker, Charles, & Co., Ltd., Concordia Works, Leeds. Manufacturers of Belting, Picking Straps, Loom Leathers and Leather for all Mechanical purposes. Specialising on Loom Leathers. Telephone: 1272 Leeds. Telegrams: "Original," Leeds.

Leatherette Fancy Wallet Writing Sets, Stuffed Toys and Novelties Manufacturers—
Dory & Partridge, Ltd., 58, City Road, E.C.

Leather Beltings—
Ashton, Thomas A., Ltd., Sheffield.

Leather Cloth Manufacturers (Pegamoid Brand)—
New Pegamoid, Ltd., 134, Queen Victoria Street, London, E.C.

Leather Cloth Manufacturers—
The Leather Cloth Co., Ltd., 39 and 41, Cannon Street, London, E.C., and 94, Boulevard de Sebastopol, Paris. Sole manufacturers of Crockett's Leather Cloth. Telegraphic address: "Crockett, London."
The British Pluviusin Co., Ltd., 12, Newton Street, Manchester. Manufacturers of Hospital Sheetings; also Leather Cloth for Bookbinders, Bag Makers, Upholsterers, Carriage and Motor Car Builders, &c., &c.

Leather Goods (Fancy) Manufacturers—
Birdsall & Son, 175, Piccadilly, London, W., and Northampton.
Harris, D. B., & Son, Ltd., 73/75, Newhall Street, Birmingham. Specialities in all kinds of Belts and Ladies' Bags. For all markets.
Hunt & Co., Ltd., Progress Works, Hart Street, Southport. (Covered Basket Work.)
James, G. H., & Co., 48, Old Bailey, London, E.C.
Maylor, W. A., & Co., 294, City Road, London, E.C. T. A.: "Ritomaylo," London.
Woolnough, Draper & Co., Ltd., 12/13, Chiswell Street, London, E.C. Special attention to Colonial Enquiries.
Worrall, Herbert O., & Co., Ltd., Bromsgrove Street, Birmingham.

Leather Goods (Fancy and Solid Leather)—
Rendall, Underwood & Co., Ltd., Granville Street, Birmingham.

Leather Manufacturers—
Garnar, James, & Sons, The Grange, Bermondsey, London, S.E. Finished Skivers for Fancy Leather Goods Makers and Bookbinders.
George & Co., Soho, London, W. Moroccos, Roans and all classes of Leather for the Furniture, Motor, Fancy and Bookbinding Trades. T. A.—"Morocco, London." T. N.—1547 Gerrard.
Gibbs, Henry, & Son, 29, St. Bride Street, E.C. Manufacturers of Colored Calf and Skivers for Fancy Leather Goods and Bookbinders; also Vellum and Parchment of every description. Works—Mitcham Common, Surrey, and Long Lane, Bermondsey.

Leather Oil Manufacturers—
Adolph Hess & Bro., Ltd., Kirkstall-road, Leeds.

Leather Tanners, Harness and Saddle Curriers—
Holden, E. T., & Son, 13, Park Street, Walsall.

Leathers, Hydraulic—
Ashton, Thomas A., Ltd., Sheffield.

Lens Manufacturers for Ships and Railway Lamps—
Stevens, James, & Son, Birmingham.

Herbert O. Worrall & Co. Ltd.
Bromsgrove St., BIRMINGHAM.
Manufacturers of
FANCY LEATHER GOODS.
Ladies' Hand Bags and Purses.
Gents' Purses, Wallets,
Letter Cases, Watch Straps,

USE THE BEST KNOWN
CLEANING AND POLISHING SOAP FOR ALL
kinds of Metals, Marble, Crockery, Lavatories, Baths, &c.
ANTI-SCRUB.
Invaluable to Hotel and Restaurant Keepers.
SUPPLIED TO THE ADMIRALTY.
Manufactured by
The Anti-Scrub Soap Co., Dewsbury, Yorkshire.
CONTRACTORS TO H.M. GOVERNMENT STORES.

LEATHER.
E. T. HOLDEN & SON, 13, Park St., Walsall, England.
Tanners, Harness and Saddle Curriers, Patent Leather Manufacturers for Carriage and Motor Car Builders, &c. Patent Leather in all colours.
Pigskins, &c., for Saddlers and for Fancy Trades.

Lifts—
Smith, Major & Stevens, Ltd., Abbey Works, Northampton.
Steven, A. & P., Provanside Works, Glasgow.
Waygood-Otis, Ltd., Falmouth Road, London, S.E. Makers by Royal Warrant. Est. 1833. Represented in Provinces and Abroad.

Lime Juice—
Idris & Co., Ltd., London, N.W.

Lithographic Machinery Specialists—
Mann, G., & Co., Ltd., Head Office, Henry Street, Gray's Inn Road, W.C., and Otley.; Works, Leeds. Single and Two-Colour Rotary Offset. Direct Rotary Litho. Flat Bed Litho. Offset. Grainers. Presses. Paper and Tin Varnishers. Bronzers. T. A.—"Lithoman, London."

Lithographic Plates, Blanketing, and Materials—
Horsell, Frank, & Co., Ltd., Victoria Road, Holbeck, Leeds.

Lithopone and Zinc Oxide, Barytes, Ochres, Egg Albumen, Yolks of Egg, Casein, Essential Oils—
Felton & Crepin, 15, Coopers Row, London, E.C.

Locomotive Engine Builders—
Aveling & Porter, Ltd., Rochester.

Looms (for all Classes of Woollen and Worsted Goods)—
Hutchinson, Hollingworth & Co., Ltd., Dobcross Loom Works, Dobcross, Yorks. Telegraphic Address: Foundry, Dobcross. Railway Station; Saddleworth, L. & N.W.

Lubricants—
MacArthur & Jackson, Glasgow.
Prices' Company, Ltd., Battersea, London, S.W.

Lustre Tiles—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Magnesia—
Henry, T. & W., East Street, St. Peter's, Manchester.
The Washington Chemical Co., Ltd., Washington Station, Co. Durham. Carbonate of Magnesia. Calcined Magnesia (Light and Heavy) for Pharmaceutical and Manufacturing purposes, and Fluid Magnesia.
Western Chemical Co., Greenock, Scotland, makers of "Thistle Brand" Carbonate of Magnesia, Calcined Magnesia (Light and Heavy), Magnesia Cement, and White Stone Facing Cement for manufacturing Rice Millstones and Grinding Discs.

Makers of Gas Engines—
The Hasiam Foundry & Engineering Co., Ltd., Pontifex & Wood, London, Union Foundry, Derby.

Manganese—
Blackwell, G. G., Sons & Co., Ltd. The Albany, Liverpool, and at 10, Eastcheap, London, E.C. Manganese of all grades for all purposes. Also Ferro Manganese, Metallic Manganese, &c.

"Manganesite," for Steam, Water and Gas Joints—
John Hudson & Co.'s Successors, 85, Mansell Street, London, E.C.

Mantles—
Heatons (Leeds), Ltd., Heatons Buildings, North Street, Leeds. Ladies' and Maids' Tailor-Made Costumes, Coats and Skirts. Registered Trade Mark: "Alwetha" Raincoats, "ESIW" Serges.

Manures (Chemical)—
Anglo-Continental Guano Works, Dock House, Billiter Street, E.C.
Cross, Alexander, & Sons, Ltd., 19, Hope Street, Glasgow.
Hedworth Barium Co., Ltd., Newcastle.
Lawes Chemical Manure Co., 59, Mark Lane, London, E.C.
Nitrogen Fertilisers, Ltd. (Nitrolim). Winchester House, Old Broad Street, London, E.C.

Map Publishers—
Philip, George, & Son, Ltd., 32, Fleet Street, London. Map and Colour Printers, Lithographers.

Marble Manufacturers of all Descriptions—
Sessions & Sons, Ltd., Gloucester.

Marine Engineers—
Abdela, Isaac J., & Mitchell, Ltd., 55, George Street, Manchester (Canal Ironworks, Brimscombe, Glos., and Dee Shipbuilding Works, Queensferry, Chester). Specialities:—All types of Marine Engines to Admiralty Pattern—Compound and Triples—Winches, Boilers, and Shipbuilding requisites. Contractors to Admiralty and Crown Agents.

Marine Glue—
Jeffery, Alfred & Co., Stratford, London, E. Telegrams: Marine Glue, London.

Medical Plasters—
De St. Dalmas, A., & Co., Leicester.

Mercerised Brocades—
Johnson, J., Hodgkinson & Pearson, Ltd., Manchester.

Metal Manufacturers—
Emery Bros., Lichfield Road, Aston, near Birmingham.
Magnolia Anti-Friction Metal Company of Great Britain, Ltd., 49, Queen Victoria Street, E.C. Telegrams: Magnolier, London.

Metal Merchants—
Garnham, J. B., & Sons, 132, Upper Thames Street, London, E.C.

Metal Merchants and Manufacturers—
Billington & Newton, Longport, Staffs.
Dugard Bros., Bridge Street, Birmingham.

Metals, Perforated—
Barns, W., & Sons, Globe Works, Queensland Road, Holloway, London, N.

Meters (Water, Boiler Feed, Steam, Air or Gas)—
Kent, Geo., Ltd., High Holborn, London, W.C.

Military Equipment—
Cliff, Jabez, & Co., Globe Saddlery Works, Walsall.

Milled Sugars—
Sclanders, David, & Co., 71, Virginia Street, Glasgow.

Millstones (Corn Grinding Mills)—
Barron, W. S., & Son, Kingsholm, Gloucester.

FERTILIZERS.
BARBER & GARRATT,
19, Old Hall Street, LIVERPOOL.
IMPORTERS AND EXPORTERS.
Telegrams—"Beagle, Liverpool." Codes—A.B.C. 4th and 5th Edition and Western Union; Lieber's and Baltimore Export.
FEEDING STUFFS.

EMERY BROS.,
Manufacturers of ROLLED METALS, Brass, Dipping, Gilding, Princes, Composition for Engraving Purposes, Clock Wheels, &c., and Cartridge Metals, Blanks for Percussion Caps, Cartridges, Buttons, &c.
Victoria Rolling Mills and Metal Works,
LICHFIELD ROAD, ASTON, near BIRMINGHAM.
TELEPHONE—EAST 10.

METAL TOY
MANUFACTURERS.
WHITELEY, TANSLEY & CO., Ltd.,
BEECH STREET, LIVERPOOL.

METALS.
J. B. GARNHAM & SONS,
132, Upper Thames St., LONDON, E.C.
Cash Buyers of every description of Old Metals and Residues, viz., Copper, Brass, Lead, Zinc, &c., &c.
Sellers of New Metals.

Mine Owners—
Wigan Coal & Iron Co., Ltd., Wigan (Producers of Best House, Gas and Steam Coals, and Wigan Cannel).

Mineral Water Manufacturers—
Idris & Co., Ltd., Camden Town, London, N.W.

Miners' Safety Lamp Makers—
Ackroyd & Best, Ltd., Morley, near Leeds.

Mining Machinery Manufacturers—
Gillott, John, & Son, Lancaster Works, Barnsley, Yorks, Eng.

Mining Steel—
Flockton, Tompkin & Co., Ltd., Newhall Steel Works, Sheffield. Drill and Jumper Steel, specially selected.

Monastic Tiles
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Mono-Bi and Tri-Nitrotoluol—
Leitch, John W., & Co., Milnsbridge Chemical Works, Huddersfield (Eng.).

Mosaic and Tiles Decoration—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Mother o' Pearl Articles (Manufacturers of) and Coral Dealers—
Harvey, Henry & Co., 68, Milton Street, London, E.C.

Mother o' Pearl, Ivory, Ivory and Composition Billiard Balls, Vegetable Ivory, Tortoiseshell and General Merchant—
Myers, M., 15, 16 & 17, Tower Hill, London, E.C.

Motor Car Lighting (Electric)—
Vandervell, C. A., & Co., Ltd., Warple Way, Acton Vale, W.

Motor Tyre Canvas, Cape Hoods, &c.—
Bright, John, & Bros., Ltd., Rochdale.

Nautical Instrument Manufacturers (Binoculars and Telescopes)—
Henry Hughes & Son, Ltd., 59, Fenchurch Street, London.

Nickel and Cobalt Refiners—
Wiggin, Henry, & Co., Ltd., 55, George Street, Birmingham.

Nickel and Nickel Salts—
The Mond Nickel Co., Ltd., 39, Victoria Street, London, S.W.

Nickel Plate Manufacturers—
The Albion Manufacturing Co., 2-4, Vesey Street, Birmingham. Nickel-plated Trays, Electro-plated Tea and Coffee Sets.

Nickel Silver and Electro Plate—
Tay, W., & Sons, Ltd., 30/34, Leopold Street, Birmingham. Eureka Spoons and Forks.

Night Lights—
Prices' Patent Candle Co., Limited, London, S.W.

Oar Manufacturers—
Gardner, Joseph & Sons, Bootle, Liverpool.

Oil and Grease Manufacturers—
Adolph Hess & Bro., Ltd., Kirkstall Road, Leeds. Oleines (Distilled and Soluble), Stearines, Pitches, Woolfats.
Snowdon, Sons, & Co., Ltd., Millwall, London, E. Manufacturers of Snowdrift, Snozone, Snowdene and Sinol (Cylinder) Lubricants.
The Stern Sonneborn Oil Co., Ltd., Royal London House, Finsbury Square, London, E.C.

Oil and Grease Merchants—
Meade-King, Robinson & Co., Liverpool and Manchester. Whale Oil, Crude and Filtered, Fish Oil, Lubricating Oil and Grease. Petroleum, Paraffin Wax, "Hydrolene" Bitumen, Petroleum Jelly, Oleine, Stearine, Wool Grease—"Giant" Vapourising Oil for Oil Engines—"Northern Light" Kerosene specially packed in cases for export.

Oil Can and Lamp Manufacturers—
Webster, Isaac & Sons, Ltd., Abbey Works, Kirkstall, Leeds.

Oil Engines—
Bentall, E. H., & Co., Ltd., Heybridge, Maldon, Essex. Telegrams: "Bentall, Heybridge."
Shanks, Alex., & Son, Ltd., Bush Lane House, Cannon Street, E.C. Stationary and Portable, for Estate and Farm Work, Electric Lighting, Pumping, and General Purposes.

Oil Mill Machinery—
Middleton & Co., R., Sheepscar Foundry, Leeds.
Rose, Downs & Thompson., Ltd., Old Foundry, Hull, and 12, Mark Lane, London, E.C. Latest and most up-to-date systems of seed crushing, oil extraction, refining, &c.

Oil Refiners, Distillers, and Manufacturers—
Adolph Hess & Bro., Ltd., Kirkstall Road, Leeds.
Prices' Company, Ltd., Battersea, London, S.W.
Stanley Earle & Co., Ltd., Coronet Oil Works, Hull. Cables, "Refiners," Hull. Boiled Linseed Oils, Thickened Oils, Belt Paste, &c.
The Stern Sonneborn Oil Co., Ltd. (Soluble, Insulating, Transformer, Turbine, Screw-cutting, Leather, Motor, &c. Oils), Royal London House, Finsbury Square, London, E.C.

Oils & Greases—
The Hillcrest Oil Co. (Bradford) Ltd., Clayton, Manchester. Manufacturers of Oleines, Stearines, Textile Oils and Leather Greases.

Old and Obsolete Stores, Ropes, Canvas, &c.—
Phillips, John & Sons, Ltd., Dingley Road, City Road, London, E.C.

Ores—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 10, Eastcheap, London, E.C. Purchasers and dealers in Wolfram, Molybdenite, Vanadium, Chrome, Manganese, and all Metalliferous Ores.

Overmantels, Girandoles, &c.—
Withey, A. W., & Co., 7, Leonard Street, Finsbury, London, E.C.

Oxfords Manufacturers—
Anderson, D. & J., Ltd., Bridgeton, Glasgow.

Oxy Acetylene Metal Cutting and Welding Plant—
The Acetylene Corporation, Ltd., 49, Victoria Street, Westminster, London.

Packings, Hydraulic and Pump—
Snowdon, Sons, & Co., Ltd., Millwall, London, E. Snowdons' Metallic Packing.

Packings, Hydraulic and Pump. S.E.A. Rings—
Trist, Ronald, & Co., Ltd., 4, Lloyd's Avenue, London, E.C.

COTTON BAGS
FOR ALL PURPOSES.
W. H. FELTHAM & SON,
Imperial Works, Tower Bridge Rd., LONDON.
And MANCHESTER.

Cables: "Jabez Cliff, Walsall." Code: A.B.C. 5th Edition.
ESTABLISHED 1874.
JABEZ CLIFF & CO.,
Globe Saddlery Works,
WALSALL, ENGLAND.
Makers of Saddlery and Harness, and Leather of all kinds.

Telegraphic Address:—"VULCAN, BIRMINGHAM."
DUGARD BROS.,
MANUFACTURERS OF ALL KINDS OF
ROLLED METALS, WIRE, AND TUBES,
VULCAN MILLS, BIRMINGHAM.

Paint Manufacturers—
Dampney, J., & Co., Ltd., Cardiff. London Office, 87, Bishopsgate, E.C., also at Liverpool and Paris. Specialities for Iron and Steel Structures, Water Tanks, &c., "Miraculum" Graphite Paint, "Asphaltene" bituminous paint, &c.
Farquhar & Gill, Aberdeen. Estd. 1818. Makers of every description of Paints, Colours, Varnishes, and Enamels.
Hanger, Watson and Harris, Ltd., Stoneferry Works, Hull; Wellclose Square, London, E.; 23, Bath Street, Liverpool. Paints, Colours, Varnishes, Enamels, Distemper and Oils. Sole Proprietors of the "Lady" Brand Specialities.
Holden, Arthur, & Sons, Ltd., Birmingham. Paints, Colours, Enamels, Varnishes, Lacquers, Japans.
Hoyle, Robson, Barnett & Co., Ltd. Established 1798. Head Office: Newcastle-on-Tyne.
Mathews, John, & Co., Liverpool.
Sanderson, A., & Co., Ltd., Kingston Paint, Color and Varnish Works, Hull. Established 1853. Telegrams: "Varnish, Hull." Manufacturers of Paints, Colors, Varnishes, Enamels, Compositions, Distempers, &c.
Walpamur Co., Ltd., Manufacturers of High Class Paints, Colours, Enamels and Varnishes and Water Paint. Head Office: Hollins Paint Works, Darwen. Branches: Glasgow, Newcastle, Manchester, Birmingham, Bristol, Liverpool, Dublin, Belfast.

Paint and Enamel Spraying Machines—
Aerograph Co., Ltd., 43, Holborn Viaduct, London, E.C.

Paper Bag Makers—
Crowther & Co., 115, Middlesex Street, London.
Smith, Stone & Knight, Ltd., Union Paper Mills, Landor Street, Birmingham.

Paper Fasteners—
Proctor, Avery & Wood, Chapel Works, Bond Street, Birmingham.

Paper Makers—
Lloyd, Edward, Ltd., 4 and 5, Salisbury Court, London, E.C.
Tullis, Russell & Co., Markinch, Fife.

Paper Maker and Stationers (Wholesale and Export)—
Bowater, W. V., & Sons, Ltd., 159, Queen Victoria Street, London, E.C.
Dickinson, J., & Co., Ltd., London, E.C.
Hodgkinson, W. S., & Co., Wells, Somerset.
Strong, Hanbury, & Co., Ltd., 197, Upper Thames Street, London, E.C.

Paper Shavings—
Powell, Lane & Co., Paper Works, Gloucester, England.

Paraffinium Liquidium and Petroleum Jellies—
Snowdon, Sons, & Co., Ltd., Millwall, London, E. B.P. & Technical qualities.
The Stern Sonneborn Oil Co., Ltd., Royal London House, Finsbury Square, London, E.C.

Patent Fuel Machinery—
Middleton & Co., Robert, Sheepscar, Leeds.

Patent Fuel Manufacturers and Shippers—
The Crown Preserved Coal Co., Ltd., Cardiff.

Pavement Light Lenses—
Stevens, James, & Son, Victoria Glass Works, Birmingham.

Pencils Manufacturers of "C B" and all Classes for Home and Export)—
Chambers & Co., Ltd., Stapleford, Notts., England.

Pen Manufacturers (Steel and Metal)—
Hinks, Wells & Co., Buckingham Street Steel Pen Works, Birmingham.

Perforated Metal—
Harvey, G. A., & Co. (London), Ltd. (late of Lewisham), Greenwich Metal Works, Woolwich Road, London, S.E.

Petrol Engines—
Bentall, E. H., & Co., Ltd., Heybridge Works, Maldon, Essex.

Petroleum Jellies and Oils—
Meade-King, Robinson & Co., Liverpool.
The Stern Sonneborn Oil Co., Ltd., Royal London House, Finsbury Square, London, E.C.

Petrous Flooring Tiles—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Phosphor Bronze—
Billington & Newton, Longport, Staffs.

Photographic Lens and Camera Manufacturers—
Ross' Optical Works, 3 North Side, Clapham Common, S.W.

Pin, Hair Pin and Safety Pin Makers—
Tayler, D. F., & Co., Ltd., New Hall Works, Birmingham, and 80, Wood Street, London, E.C.

Pitch—
Miller, James, Son & Co., 79, West Nile St., Glasgow.

Plate Polish—"Silveret"—
The Nubian Manufacturing Co., Lorrimore Street, London, S.E.

Plumbago—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 10, Eastcheap, London, E.C.

Plywood—
Venesta, Ltd., 1, Great Tower Street, London, E.C. "Venesta" Plywood in all woods.

Pneumatic Conveyors—
King, H. J. H., & Co., Ltd., Newmarket Engineering Works, Nailsworth, Glos.

Polishing Machinery and Materials—
Canning, W. & Co., Great Hampton Street, Birmingham.

Portable Buildings—
Humphreys, Ltd., Knightsbridge, London, S.W
Jennings, C., & Co., 879, Pennywell Road, Bristol. Send 1s. 9d. for Four-fold Rule and 270 page Illustrated Catalogue of all descriptions of Timber, Woodwork, Portable Buildings, Bungalows, &c.
Riley, G. W., Herne Hill, London, S.E.

Portable Ovens—
Faulkner & Co., Hollins Road, Hollinwood, Manchester.

Potters—
Kennedy, H., & Sons, Ltd., Barrowfield Potteries, Glasgow.

Pottery and Glass Exporters (China, Earthenware and Flint Glass)—
Else & Co., Ltd., Liverpool.

BINOXIDE OF BARIUM
(For the Manufacture of Peroxide of Hydrogen),
HYDRATE OF BARYTA,
AND OTHER BARIUM COMPOUNDS.
HEDWORTH BARIUM COMPANY, LD.
NEWCASTLE-ON-TYNE.

Power Transmission—
Cradock, G., & Co., Ltd., Wakefield, England.

Pressed Parts (Sheet, Metal and Tubular, for all classes of Vehicles, for all Trades)—
Walton & Brown, Ltd., 124, Brearley Street, Birmingham.

Press Tools and Tin Box Making Machinery—
Waller & Co., Ltd., 28/32, Vauxhall Walk, London, S.E. Simple Canister-making Plants for double-seamed, slip-over, or lever-tins. Telegraphic Address—"Stampings, London."

Pressure Gauges—
Salter, Geo., & Co., West Bromwich.

Printers' Leads and Clumps—
Taylor & Watkinson, Belgrave Foundry, New Briggate, Leeds. Machine Cast and Planed Leads and Clumps. Cable: "Pica," Leeds. Telephone: 4011 Central. Code: A.B. C., 5th editior.

Printers' Metals—
Blackwell, G. G., Sons & Co., Ltd., The Albany Liverpool, and at 10, Eastcheap, London, E.C.

Printing Ink Manufacturers—
Dane & Co., Manufacturers of Printing Inks, Colour Varnishes, &c., London and Edinburgh.
Horsell, Frank, & Co., Ltd. Manufacturers, Printing Inks, Colours, Varnishes, &c., Victoria Road, Leeds, S.; also London, Birmingham and Edinburgh, &c.
Winstone, B., & Sons, Ltd. London.

Printing Press Engineers (Newspaper Presses and all kinds Printing Machines)—
Hoe, R., & Co., Ltd., 109, Borough Road, London, S.E. Telegrams: "Expugnator, London." Cables: "Hoe, London."

Prism Binocular Manufacturers—
Boss' Optical Works, 3, North Side, Clapham Common, S.W.

Proprietary Articles, Specialities, &c.—
Dalmas, A. de St., & Co., Leicester (Medical Plaisters).
Henry's Calcined Magnesia (T. & W. Henry) Manchester.

Provisions (Export and Import)—
Warren Sons & Co., Aldgate East, London, E. Hams, Bacon and Cheese Specialists. Cables: "Daydawn, London." A. B. C. Code, 5th Edition.

Provisions for Export—
Pearson & Rutter, Ltd. Established 1812, 41, Stanley Street, Liverpool. Cable: "Pearnutter." A. B. C., 5th Edition.

Pump Governors—
Trist, Ronald & Co., Ltd., 4, Lloyd's Avenue, London, E.C.

Quilts (Toilet, Satin, Honeycomb, and Alhambra)—
Johnson, J., Hodgkinson & Pearson, Ltd., Manchester.

Quiltings and Piques—
Johnson, J., Hodgkinson & Pearson, Ltd., Manchester.

Railway Appliances—
Saxby & Farmer, Ltd., Head Offices, 53, Victoria Street, Westminster, S.W., and Works, Chippenham, Wilts. (Railway Signals, &c.)

Railway Lamp Lenses—
Stevens, James, & Son, Victoria Glass Works, Dartmouth Street, Birmingham.

Railway Signals—
Saxby & Farmer, Ltd., Head Offices, 53, Victoria Street, Westminster, S.W., and Works, Chippenham, Wilts.

Rainproof Cloth Manufacturers—
Garnett, G., & Sons, Ltd., Apperley Bridge, Yorkshire.

Ramie Yarns—
The Yorkshire Ramie Spinning Co., Ltd., Kirkstall, Leeds.

Recorders (Mechanical or Electrical Level & V Notch)—
Kent, Geo., Ltd., High Holborn, London, W.C.

Refined Coal—
Miller, James, Son & Co., 79, West Nile Street, Glasgow.

Refrigerators—
Haslam Foundry & Engineering Co., Ltd., The, Derby.

WILLIAM WAITES, SONS & ATKINSON, Ltd.
SPINNERS, MANUFACTURERS AND BLEACHERS of all descriptions of YARNS, TWINES, LINES, ROPES, CORDAGE, from Flax, Hemp, Cotton, Jute, etc.
Contractors to the War Office, The Admiralty, and other Home Government Departments; also to the Indian and Colonial Governments, the leading British and Foreign Railway Companies, etc., etc.
Head Offices—PHILIPS PARK MILLS, MANCHESTER.

ROBERT BIRD & CO.,
Crewkerne, Somerset, ENGLAND.
Awarded Prize Medals—
London, 1851. Calcutta, 1883–4. London, 1883. Adelaide, 1887. Barcelona, 1888. Melbourne, 1889.
***Manufacturers of*—Cotton, Linen, Woollen, Union, Flax and Jute Webs of every description for the SADDLERY TRADE. Also Ready-made Horse Clothing, Horse Rollers, and Horse Girths, &c. Also of Chair Webs, Tray Webs and Cocoa Binding Webs of every description for the UPHOLSTERY TRADE.**
STRAINING WEBS. N.B.—Sole Makers of Bird's Superfine Flax and other Straining Webs.
Ready-made Goods for the Saddlery Trade.
N.B.—We beg to call your attention to our Ready-made Goods. The Leather used will be found good and of a Pure Oak Bark Tannage, and the Workmanship throughout will compare favourably with any in the Market.
Upholstery (or Upholsterers' Webs).
Elevator Webs and Machine Belts.

JOHN AINSCOW & CO., LIMITED
Manufacturers,
TURKISH TOWELS, QUILTS, COUNTERPANES, &c.
Beehive Mills, Lostock, Bolton;
34, Charlotte Street, MANCHESTER.
39, Noble Street, LONDON, E.C.

JUTE SACKS & BAGS
Suitable for all purposes.
LEVY BROS. & KNOWLES, LTD.,
Head Office—26, MARK LANE, LONDON, E.C.
SALES OVER ONE MILLION BAGS WEEKLY.

PROCTOR, AVERY & WOOD,
Chapel Works, Bond St., Birmingham.
MANUFACTURERS OF ALL KINDS OF
PAPER FASTENERS
AND
General Stationers' Smallwares.
SPECIAL PRICES TO SHIPPERS.

Rotors—
Stevens, J., & Son, Dartmouth Street, Birmingham.

Ropes for Driving—
Hart, Thomas, 12 & 14, Town Hall St., Blackburn; Lambeth Rope Works, Blackburn. Telephone, 10, Blackburn. Telegraphic Address, "Hart, Blackburn."

Ropes (Manila and Wire Ropes)—
Hall's Barton Ropery Co., Ltd., 83, High Street, Hull. Manufacturers of Manila, Hemp, Coir, Cotton and Steel Wire Ropes.

Ropes (Steel Wire)—
Cradock, G., & Co., Ltd., Wakefield, England.

Ropes (Wire and Hemp), Cordage, Twines, &c.—
Wright, John and Edwin, Ltd., Universe Works, Garrison Street, Birmingham.

Ropeways, Aerial—
Cradock, G., & Co., Ltd., Wakefield, England.

Sacks and Bags—
Judge, T. & W., London, E.C. (Cotton).
Kalisky, S., 56, 57 and 58, High Street, Shadwell, London, E. Telephone—6321 Avenue.
Levy Bros. & Knowles, Ltd., Head Office, 26, Mark Lane, London, E.C.
Paiva, J. de, & Co., 11, Drury Lane, Liverpool.

Sacks, Bags, Jute Hessians, Tarpaulings, Yarns—
Duncan, George, & Co., 94, Commercial Street, Dundee.

Saddlery—
Cliff, Jabez, & Co., Globe Saddlery Works, Walsall.

Safe Manufacturers—
Hobbs, Hart & Co., Ltd., London, N.
Tann, John, Ltd., 117, Newgate St., London, E.C.
The Chatwood Safe Co., Ltd., Foundry Street Works, Bolton.
The Ratner Safe Co., Ltd., 51, Moorgate Street, London, E.C.
Withers, Samuel & Co., West Bromwich; the Old and Original Firm. Established 1843. Contractors to H.M. Government; annual out put over 3,000 safes.

Safety Fuse Manufacturers—
Nobel's Explosives Co., Ltd., Glasgow.

Sanitary Pipes & Fittings—
Candy, Hall Green, Birmingham. Telegraphic Address:—"Copings," Birmingham.

Sanitary Seats—
East Brothers, Ltd., Lochee Cabinet Factory, Dundee.

Saw Mill Engineers—
Robinson, Thomas, & Son, Ltd., Rochdale. London: 79, Queen Victoria Street, E.C.

Scaffold Ties—
Palmer's Special Steel Wire Scaffold Lashings.
Guaranteed Sheffield Crucible Steel.
The Scaffold Cord of the Future.
Used on all Government Buildings and Work.
Your name or initials on every one.
Easy to fix in half the time of hemp Cord.
Best for Scaffolder. Without him, Indispensable.
"Bulltie" Steel Scaffold Chain.
The best chain tie on the market.
The best grip. No damage to Pole.
No loose parts.
Palmer's Travelling Cradle and Scaffold Co.
Victoria Works, 112, Belvedere Road, London, S.E.
T.A.: Wireway, London. T.N.: 1156 Hop.

Scaffold Ties (Patent Scaffixer)—
The Patent Rapid Scaffold Tie Co., Ltd., 124, Victoria Street, London, S.W. Phone: 6030 Westminster. Telegraphic Address: "Scaffixer," London. The Premier lashing for all scaffolding work. Universally acknowledged to be the most desirable and practical acquisition to scaffolding appliances which the Building Trade has ever known. Contractors to H.M. War Office, Home Office and Admiralty. Write for particulars. Builders' Plant of every description always in stock.

STEEL WIRE ROPES

REGISTERED TRADE MARK

Scientifically constructed to suit all working conditions.

BRITISH MADE THROUGHOUT.

GEO. CRADOCK & CO., LTD., WAKEFIELD, ENGLAND

THE HOME OF THE WIRE ROPE INDUSTRY.

London Office: 7, EAST INDIA AVENUE.

BARROWFIELD POTTERIES, GLASGOW.

ALL OUR GLAZES LEADLESS.

HENRY KENNEDY & SONS, Ltd.

Manufacturers of Glass-Lined Spirit Jars, Jam Jars, Stone Bottles and Vitrified Stoneware of every Description for Home Use and Exportation.

Scaffolding—
Palmer's Travelling Cradle. The safest Scaffold ever used. Victoria Works, 112, Belvedere Road, London, S.E. T. A.: "Wireway, London." T.N.: 1156 Hop.

Scale Manufacturers—
Pooley, Henry, & Son, Ltd., John Bright Street, Birmingham.

Scientific Apparatus of all kinds, and Chemicals—
Reynolds & Branson, Ltd., Leeds.

Sealing Wax—
Hyde & Co., 25, St. Bride, Street, London, E.C.
Wall, F. M., & Co., Westgate Street, Hackney, London.

Seals (Cameo Embossed and Labels). Show Cards in every known method—
Walsall Lithographic Co., Walsall.

Seeds—
Kelway & Son, Wholesale Seed Growers and Exporters, Langport, Somerset, England. The best stocks (only) of Garden and Farm Seeds. Special quotations on application.
King, John K., & Sons, Seed Experts and Pedigree Seed Growers, Coggleshall, Essex. Established 1793. All Seeds for Farm and Garden, also Seed Potatoes exported to all parts of the World. Catalogues free.
Power, Wm., & Co., Seed Merchants and Nurserymen, Waterford, Ireland. Specialities—Crested Dogstail Grass and Trees of every description. Cable address—"Seed merchants, Waterford." Code—A.B.C. 5th Edition.

Shaving Brushes and Manicure Fittings—
Busst & Marlow, 18, Lower Rushall Street, Walsall.

Sheet Metal Stamped Goods—
Isaac Clements, 32–36, Holloway Head, Birmingham.

Ship and Engineers' Furnishers—
Loveridge, Ltd., Cardiff. (Admiralty Contractors.)

Shipbuilders—
Abdela, Isaac J., & Mitchell, Ltd., 55, George Street, Manchester (Canal Ironworks, Brimscombe, Glos., and Dee Shipbuilding Works, Queensferry, Chester). Specialities:—River Steamers, Tugs, Lighters, Launches, Marine Steam Engines, Petrol and Paraffin Motors. Admiralty Contractors.

Shipping Agents—
Stockwell & Co., Ltd., 13–15 and 16–18, Finsbury Street, London, E.C. International and Colonial Import and Export. Small parcels or large consignments. Branches at Belfast, Birmingham, Boulogne, Bradford, Bristol, Huddersfield, Liverpool, Lyons, Manchester, Nottingham and Paris. Agents in all business centres. T.A.: "Messageries, London."

Shipping Agents—*continued.*
van Oppen & Co., Ltd., 90/91, Bartholomew Close, London, E.C. Telephones—1770 City (4 lines). Telegrams—"Vanoppen." And at Belfast, Birmingham, Bradford, Bristol, Liverpool, Leeds, Leicester, Manchester, Paris.

Ships' Block Manufacturers—
Loveridge, Ltd., Cardiff. (Admiralty Contractors.)

Ships' Lamp Lenses—
Stevens, James, & Son, Victoria Glass Works, Dartmouth Street, Birmingham.

Shirtings—
Anderson, D. & J., Bridgeton, Glasgow.

Shop Fittings—
Harris & Sheldon, Ltd., Stafford St., Birmingham.
Sage, Fredk., & Co., Ltd., Shopfitting Specialists. Gray's Inn Road, London, W.C.

Shutters (Revolving) Gates, &c.—
Dennison, Kett & Co., Ltd. (Successors to Clark, Bunnett & Co., Ltd.), 11, Queen Victoria Street, London, E.C. As supplied to the Admiralty, War Office, Home Office, L.C.C., Colonial and Foreign Governments, Railway, Tramway and Dock Companies, &c.

Shuttle Block Manufacturers—
Gardner, Joseph, & Sons, Bootle, Liverpool.

Silver and Electro-plate Manufacturer, Brush Ware, Cigarette Cases, Fancy Novelties, &c.—
Samuel M. Levi, 67, 68 and 69, Vyse Street, Birmingham.

Silver Novelty Manufacturers—
Crisford & Norris, Ltd., 117 & 118, Vyse Street, Birmingham.

Silversmiths—
Horton & Allday, 195, Warstone Lane, Birmingham. Telephone: 1755 Central. Telegraphic Address: "Silversmiths." London Show Rooms: 47, Poland Street, Oxford Street, W. Telephone: 9762 City. Telegraphic Address: "Hemicycle."

Silversmiths and Makers of High Class Electro Plate—
Nathan & Hayes, Institute Works, Howard Street, Birmingham. Tea Services and Hollow Wares.

Sizing Materials for Textile Mills—
Snowdon, Sons, & Co., Ltd., Millwall, London, E. Snowdrift Brand.

Slate Merchants and Manufacturers—
Davies Bros., Portmadoc, North Wales.
Sessions & Sons, Ltd., Gloucester.

Slate Quarry Owners—
Oakeley Slate Quarries Co., Ltd., North Wales, and 53, Parliament Street, Westminster, Eng.

Slate Working Machinery and Manufacturers—
Turner Bros., Newtown, North Wales.

Soaps (Cleaning and Polishing)—
Anti-Scrub Soap Co., Dewsbury, Yorks.

Soap Manufacturers—
Price's Patent Candle Co., Ltd., Battersea, London, S.W.
Rowe, T. B., & Co., Ltd., Thames Soap Works, Brentford, Middlesex.

Scaffixer
SCAFFOLD TIES.
THE PATENT RAPID SCAFFOLD TIE CO., LTD.,
124, Victoria Street, London, S.W.
TRADE MARK SCAFFIXER

"ELEPHANT" Brand.

SEALING WAX
Of Every Description.
HOME AND EXPORT.
HYDE & Co.,
St. Bride Street,
LONDON, E.C

BRUSSELS INTERNATIONAL EXHIBITION, 1910, 2 Gold Medals and 1 Silver Medal.
FIRST NORTHERN COUNTIES LAUNDRY EXHIBITION, 1913. Silver Medal and Diploma.
LAUNDRY
SMITH & PACET, Crown Works, KEIGHLEY.
MACHINERY

Soda—
Ammonia Soda Co., Ltd., Lostock Gralam, Northwich.
Brunner, Mond & Co., Northwich, Cheshire.

Solders—
McKechnie Brothers, Ltd., Rotton Park Street, Birmingham.

Spade and Shovel Manufacturers—
Stockton Heath Forge, Warrington. Established 1770. T.N. 8. T.A. "Stocktonheath Forge, Stocktonheath." Sole Manfrs. of Caldwell's Patent Spades and Shovels with Solid Blades and Straps.

Spinners—
Johnson, J., Hodgkinson & Pearson, Ltd., Manchester.

Sponges (Importers & Exporters)—
Phillips, John, & Sons, Ltd., Dingley Road, City Road, London, E.C.

Sporting Cartridges—
Curtis's & Harvey, Ltd., Cannon Street House, London, E.C.
Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

Spring Balances—
Salter, Geo., & Co., West Bromwich.

Springs—
Salter, Geo., & Co., West Bromwich. Telegrams: "Salters, West Bromwich." Makers of all kinds of Springs, including Railway Bearing and Buffer Springs, Agricultural Machinery Springs, Brake Springs, Door Springs, Dashpot Springs, Dancing Room Floor Springs, Motor Springs, Nest Springs, Tines for Agricultural purposes, Valve Springs, Volute Springs, Thackray and Grover Washers, &c. Contractors to the War Office, Admiralty, Foreign and Colonial Governments, English and Foreign Railways, &c. London Office: 101, Leadenhall Street, E.C.
Smith Bros. & Hill, Ltd., Collay Street Works, West Bromwich. Makers of all kinds of Springs, Spiral Volute, and Helical, for all purposes. Springs for Agricultural Machines a speciality. Grover and Thackray Washers. Contractors to the Admiralty, War Office, Crown Agents for the Colonies, Home and Foreign Railways. Telegrams: "Springs, West Bromwich."

Stationers' Sundries Manufacturers—
Wright, Geo., & Co., 92, Clerkenwell Road, London, E.C. Also Chalk for Blackboards—"Wright's Dustless" Chalk. Inkstands and Stationery Racks—New Designs.

Stationers (Wholesale Manufacturing)—
Wesley, Harold, 4, Worship Street, London, E.C. Envelopes, Notepaper, Writing Tablets, Combined Letter Pads, Stationery Packets for Bazaars, &c. (Wholesale Trade only.)

Steam Meters—
The Curnon Steam Meter Co., 285, Princess Street Manchester.

Steam Rollers—
Aveling & Porter, Ltd., Rochester, Kent

Steam Turbines—
Howden, J., & Co., Ltd., 195, Scotland Street, Glasgow.

Steamship Owners and Breakers—
The Power Steamship Co., Ltd., 158, Leadenhall Street, London, E.C.

Steel Castings, Steel and Iron Forgings, &c.—
Baird, W., & Co., Glasgow.
Steel Company of Scotland, Ltd., Glasgow.

Steel and Iron Castings—
Gillott, John, & Son, Dominion Works, Barnsley, Yorks, Eng.

Steel and Iron Shafting, &c.—
Steel Company of Scotland, Ltd., Glasgow.

Steel Manufacturers—
Parkgate Iron & Steel Co., Ltd., Rotherham.
Steel Company of Scotland, Ltd., Glasgow.
Stewarts & Lloyds, Ltd., Glasgow & Birmingham.
The Wigan Coal and Iron Iron Co., Wigan.
Turton Brothers & Matthews, Ltd., Sheffield.

Steel Manufacturers (Nickel and other alloy Steels)—
Cradock, G., & Co., Ltd., Wakefield, England.

Steel Pipes—
Piggott, Thos., & Co., Ltd., Atlas Works, Spring Hill, Birmingham. Telegrams—"Atlas, Birmingham." Welded and Rivetted Steel Pipes of large diameters.

Steel Sheets—
Lysaght, John, Ltd., Orb Works, Newport, Mon Makers of all grades of Steel Sheets.

Steel Tubes—
Oriental Tube Co., Ltd., West Bromwich.
Stewarts & Lloyds, Ltd., Glasgow & Birmingnam.

Stone Bottles—
Kennedy, H., & Son, Ltd., Barrowfield Potteries, Glasgow.

Stoves and Grates of all descriptions—
Planet Foundry Co., Ltd., Guide Bridge, near Manchester.

Straw and other Plait Manufacturing for Ladies' Hat Trade, also Advertising Tying Tape or String—
Fabricless Rubber Products, Ltd., 8, Laurence Pountney Hill, Cannon Street, London, E.C.

Straw Boards, Leather Boards, Wood Pulp Boards—
Ihlee & Sankey, 38, Wilson Street, Finsbury, London, E.C. All kinds of Packing, Tissue and other Papers.

Strong Rooms—
Hobbs, Hart & Co., Ltd., London, N.
Tann, John, Ltd., 117, Newgate St., London, E.C.

Sugar Refiners—
Tate, Henry & Sons, Ltd., Sugar Refiners, 21, Mincing Lane, London, and H 15, Exchange Buildings, Liverpool. Manufacturers of Cubes, Granulated, Crystals, Caster, &c.

Sulphate of Copper—
The Mond Nickel Co., Ltd., 39, Victoria Street, London, S.W.

Sulphate of Soda Manufacturers—
Blythe, Wm. & Co., Ltd., Church, Lancs.

Sulphuric Acid (commercially pure)—
Morris, H. N., & Co., Ltd., Gorton Brook Chemical Works, Manchester, S.E.

Telegrams—"Outbalance, London."
London Wall 2966. Central 12396.
JOHN PHILLIPS & SONS, Ltd.,
DIRECT IMPORTERS OF
SPONGES
Dingley Road, City Road, London, E.C.
Contractors to the Admiralty and H.M. Government.
SHIPPERS AND THE TRADE SUPPLIED

ORIENTAL
Weldless Steel Tubes
Have the advantage of being the product of an organisation of specialists. Used by all prominent Firms. Made in every size and shape for all purposes.
Permit us to quote you.
ORIENTAL TUBE CO., Ltd.,
(Established 1862.) WEST BROMWICH

"CAT BRAND"
Crucible Cast Tool Steel for Drills, Tools, Chisels, &c.
HIGH SPEED STEEL
(Air and Water Hardening).
MINER'S DRILL STEEL.
Spring Steel and Welding Steel.
"101" High Speed Files, Drills, Taps, &c.
"CAT BRAND" STEEL for Export
It is desirable to state market, &c.
FLOCKTON, TOMPKIN & CO., LTD.,
Newhall Steel Works, Sheffield.

Sulphuric Acid Manufacturers—
Blythe, Wm., & Co., Church, Lancs.
Richard Smith's Executors, Ltd., 182, West Street, Glasgow.

Sulphuric Acid Manufacturers' Retorts—
Stevens, J., & Sons, Birmingham.

Surgical Instruments—
Holborn Surgical Instrument Co., Ltd., 26, Thavies Inn, Holborn Circus, London, E.C. Manufacturers of high-class Surgical Instruments, Sterilisers, Hospital Furniture, Trusses, Elastic Stockings, Belts, Spectacles, Artificial Limbs.

Surgical Instrument Manufacturers—
General Surgical Company, 147 & 149, Farringdon Road, London, E.C. Manufacturers to the Wholesale trade of Surgical Instruments, Hypodermic and Serum Syringes, in all varieties, particularly "All Glass" (2 and 3 piece); "Record"; "Metal and Glass"; and Aseptic All Metal. Sole Proprietors of "Tourniquet" and "Astra" Brands of Surgical Supplies. Telephone: Holborn 5398, 2 lines Telegraphic Address: "Tourniquet, Smith, London."
Pelham Surgical Instrument Co., Ltd., Pelham Street, Nottingham. "Record" Syringes, Hospital Furniture, Operating Tables, Stretchers, &c. London Office and Showrooms, 30, Craven Street, Strand, W.C. Telephone 2221 Gerrard.

Surveying Instrument Makers—
Cooke, T., & Sons, Ltd., 3, Broadway, Westminster, S.W., and at York.
John Davis & Son (Derby) Ltd., 12, All Saints Works, Derby, & 17, Victoria Street, Westminster, S.W.
Stanley, W. F., & Co., Ltd., Great Turnstile, Holborn, London, E.C.

Syphons and Seltzogenes—
Idris & Co., Ltd., Camden Town, London, N.W.

Table Waters—
Idris & Co., Ltd., Camden Town, London, N.W.

Tailors' Half Busts and Cloth Dummy Blocks—
Chapman & Sons, Ltd., 1 and 3, Ebor Street, Shoreditch, London, E.

Tank Makers—
W. P. Butterfield's Ltd., Shipley, Yorks. Telegrams: "Tanks, Shipley." Telephone: 35 Shipley.
Harvey, G. A., & Co. (London), Ltd. (late of Lewisham), Greenwich Metal Works, Woolwich Road, London, S.E.

Tanning Extracts and Materials—
Humphreys, Percival, Ellis & Co., 90, Tooley Street, London, S.E. Telephone No. 2727 Hop. Telegraphic Address: "Quebracho," London.

Tar Distillers—
Brotherton & Co., Ltd., Leeds.
Crow, Thomas, & Sons, West Ham and Barking, London.
Lord, J. E. C., Ship Canal Tar Works, Weaste, Manchester.

Tar Spraying & Tarring Machines, and Tar Boilers, &c.—
Phœnix Engineering Co., Ltd., Chard, Eng.

Tea Merchants—
Brooke, Bond & Co., Ltd. (Foreign Dept.), Goulston Street, Aldgate East, London; also at Calcutta and Colombo. Original and packet teas of every description.
Tower Tea, Limited, 71, Eastcheap, London, E.C. Original, Blended and Packet Teas.

Telegraph Engineers—
Henley's, W. T., Telegraph Works Co., Ltd., London, E.C.
Hooper's Telegraph and India-rubber Works, Ltd., London, E.C.

Telephones and Supplies—
British L. M. Ericsson Manufacturing Co., Ltd., 4, Chancery Lane, London, W.C. Telephone: 5340 Holborn. Works: Beeston, Notts.
Western Electric Company, Ltd., Norfolk House, Norfolk Street, London, W.C.; Works—North Woolwich, E.

Telescope Manufacturers—
Cooke, T., & Sons, Ltd., 3, Broadway, Westminster, S.W., and at York.
Ross' Optical Works, 3, North Side, Clapham Common, S.W.

Testing Machines—
Denison, Saml., & Son, Ltd., Middlewood, Leeds. Vertical and Horizontal Testing Machines, for hydraulic, belt and hand power.

Textile Goods—
Edwards Bros., Ormond Street, Liverpool.

Tiles—
Woolliscroft, G., & Son, Ltd., Hanley, Stoke-on-Trent. London Address—Hazlitt House, Southampton Buildings, High Holborn, W.C. Telephone—"Holborn" 680. Tiles for Walls, Floors, and Roofs, Fireplaces, Quarries, &c.

Tiles, Tesselated and Glazed—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Timber Merchants and Importers—
Gardner, Joseph & Sons, Liverpool.
Jennings, C., & Co., 879, Pennywell Road, Bristol. Send 1s. 9d. for Four-fold Rule and 270 page Illustrated Catalogue of all descriptions of Timber, Woodwork, Portable Buildings, Bungalows, &c.

Tin Foil—
Venesta, Ltd., 1, Great Tower Street, London, E.C.

Toilet Preparations—
Borthwick, Wm., Ropery Street, Hull.

Toolmakers for Small Wares and Fancy Trades—
Simmons, Bernard R., 21, Vyse St., Birmingham.

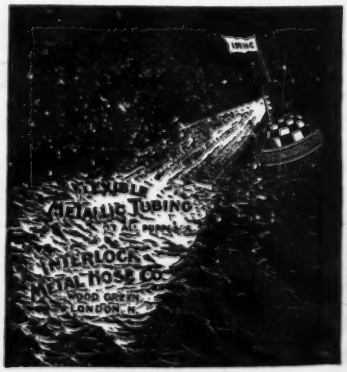
Tool Steel—
Flockton, Tompkin & Co., Ltd., Newhall Steel Works, Sheffield. As used by Engineers, Shipbuilders, and Miners, &c.

Towels—
Johnson, J., Hodgkinson & Pearson, Ltd., Manchester.

Toy Cannons—
Oliver, Harper & Co., 252, Goswell Road, London, E.C.

TOILET PREPARATIONS
FOR HOME AND EXPORT.
SPECIALITIES—Bay Rums, Brilliantines, Dry Shampoo's, Toilet Paraffins, Hair Creams, Face Creams, Pomades, &c., PACKED AND IN BULK (Wholesale).
WM. BORTHWICK, *Manufacturing Perfumer,*
ROPERY STREET, HULL.

OAKELEY SLATE QUARRIES CO., LTD.,
NORTH WALES,
And 53, Parliament St., Westminster, Eng.
Sole producers of the
"Oakeley" & "Palmerston" Old Vein Roofing Slates.
PRACTICALLY IMPERISHABLE.
On the Admiralty, War Office and Crown Agents' Lists.
Gold Medal and other High Class Awards.
Enquiries invited. Agents of high standing please Correspond.



Toy Manufacturers—
Bailey, W., 213-215, Brearley Street, Birmingham. "Kliptiko" and "Wenebrik," Constructional Toys.
Christie & Co., 41, Charterhouse Square, London, E.C. Toy Printing Outfits (Rubber Type), "John Bull."
Jullien, H. J., & Son, 24-26, Edgbaston Street, Birmingham. Toy Guns, Toy Scales, and Eskimo Dolls.
The English Novelty Co., Wolverton, Bucks. (Constructional Wooden Toy Specialists.)

Toy Manufacturers (Felt Doll and Animal)—
Sloan & Co., 2, King Street, Liverpool. Telephone Bank 8551.

Toy Manufacturers (Metal)—
Whiteley, Tansley & Co., Ltd., Beech Street, Liverpool.

Toys and Games—
Frenkel, J., & Co., Ltd., 16, London Wall, London, E.C.
Gray & Nicholls, 17 and 27, St. Anne Street, Liverpool. Telegraphic Address: "Variety, Liverpool."

Traction Engines—
Aveling & Porter, Ltd., Rochester.

Tubes and Fittings—
Dugard Bros., Birmingham.
Stewarts & Lloyds, Ltd., Birmingham.

Tubing, Flexible and Metallic—
The Interlock Metal Hose Co., River Park Road, Wood Green, London, N.
United Flexible Metallic Tubing Co., Ltd., 112, Queen Victoria Street, London, E.C.

Tubing (Weldless Steel)—
Accles & Pollock, Ltd., Oldbury, Birmingham.
Oriental Tube Co., Ltd., West Bromwich.
Stewarts & Lloyds, Ltd., Glasgow and Birmingham.

Twines, Yarns, Cordage, &c.—
Waites, William, Sons & Atkinson, Ltd., Head Office, Philips Park Mills, Manchester.

Typewriting and Duplicating Supplies Manufacturers—
Crusader Manufacturing Co., Berwick Road, Walthamstow, N.E.
Esco Ltd., 327, High Holborn, London, W.C. Contractors to H.M. Stationery Office. Established 1881.

Underground Relighting Machinery for Miners' Safety Lamps—
Ackroyd & Best, Ltd., Morley, near Leeds.

Valves (Regulating, Dosing, &c.)—
Kent, Geo., Ltd., High Holborn, London, W.C.

Varnish Manufacturers—
Holden, Arthur, & Sons, Ltd., Birmingham. Varnishes, Paints, Colors, Enamels, Lacquers, Japans.
Mathews, John, & Co., Liverpool.

Varnishes, Paints and Colours—Manufacturers—
Llewellyn Ryland, Ltd., Balsall Heath Works, Birmingham.

Ventilating Fans—
Howden, J., & Co., Ltd., 195, Scotland Street, Glasgow.

Veterinary Instruments and Supplies—
Huish, C. H., & Co., 12, Red Lion Sq., London, W.C.

Victoria Lawns and Nainsooks—
Johnson, J. Hodgkinson, & Pearson, Ltd., Manchester.

Wall Papers—
Middleton Wallpaper Manufacturers, Fielding Mills, Middleton, near Manchester. Telegrams: "Wallpaper, Middleton.' Code, A.B.C. 5th Edition. Telephone No. 56.
The Regent Wallpaper Co., Regent House, Fitzroy Square, W.

Water Taps—
Palatine Engineering Co., Ltd., Liverpool.

Watches—
Frodsham, C., & Co., Ltd., 27, South Moulton Street, London. Wristlet Watches with Luminous Dials, dust and damp-proof, for officers, &c.

Waxed Paper Makers (Printed and Unprinted)—
Church, G., & Co., Ltd., Star Mills, Nunhead Lane, London, S.E. All kinds, in sheets, rolls, small coils or circles, in any colour or thickness. Specialists in printing before waxing.

Webbing and Horse Clothing Manufacturers—
Bird, R., and Co., Crewkerne, Somerset.

Weighing Machine Manufacturers—
De Grave, Short & Co., Ltd., 23, Charterhouse Street, London, E.C.
Pooley, Henry, & Son, Ltd., John Bright Street, Birmingham.
Salter, Geo., & Co., West Bromwich.

Weighing Machinery—
Ashworth, Son, & Co., Ltd., Dewsbury. Makers of Weighing Machines and Weighbridges of all kinds.
Denison, Saml., & Son, Ltd., Middlewood, Leeds. Weighing Machines and Weighbridges for all Home, Foreign and Colonial uses; 1 cwt. to 200 tons.

Welding and Cutting Plant, Oxy Acetylene—
The Acetylene Corporation, Ltd., 49, Victoria Street, Westminster, London.

Welsh Slates—
Williams, Richard & Co., The Slate Works, Portmadoc, Carnarvonshire.

Whale Oil—
Meade-King, Robinson & Co., Liverpool.

White Oils and Paraffin Liquidum—
The Stern Sonneborn Oil Co., Ltd., Royal London House, Finsbury Square, London, E.C.

Wire Drawers and Coverers—
Ormiston, P., & Sons, 79, Clerkenwell Rd., London, E.C. Electric Instrument Wires. Fuse Wires.

Wire and General Wire Goods—
Baker, G., Cecil Street Wire Works, Birmingham.

Wire, Iron and Steel—
Cradock, G., & Co., Ltd., Wakefield, England.

Wire Manufacturers—
Dugard Bros., Birmingham (Brass and Copper).

BRITISH MAKE.

TOY CANNONS.
Famous 75 m.m. French Field Gun.
Anti-Aircraft Gun.
British Naval 12-Pounder.
Made entirely of Metal.
Patentees and Manufacturers—
OLIVER, HARPER & Co.,
252, Goswell Road,
LONDON, E.C.

THE
UNITED FLEXIBLE METALLIC TUBING Co., Ltd.,
112 Queen Victoria Street London, E.C.
WORKS: PONDERS END, MIDDLESEX.

"London Wall"
TOYS & GAMES.
Collapsible Dolls' Houses, Punch and Judy, Noah's Ark, Sentry Boxes, Howitzers, Siege Guns, Armoured Motor Cars, Motor Ambulances, Transports, &c., all specially suitable for export. Boys' Battlefield, Football, Tipperary Maze, Toberlin. Collapsible Dolls' Furniture.
MANUFACTURED BY
J. FRENKEL & CO., LTD.,
16, London Wall, LONDON, E.C.

Wire Manufacturers—*continued.*

Rigby, John, & Sons, Ltd., Salford; Adelphi Wire Mills, Manchester. Iron and Steel Wires for almost all purposes. Textile Wires. Shaped Wire Specialists. Brass and Steel Pinion Wire. "Actric" Welding Wires.

Smith, Frederick, & Co., Anaconda Works, Salford, Manchester. (H.C. Copper Wire, Trolley Wire. Bronze Telephone Wire.)

Smith, Frederick, & Co., Wire Manufacturers, Ltd., Caledonia Works, Halifax. T. A. Smith, Halifax. Galvanized Telegraph Wire—all Specifications. Armature Binding Wire. Steel Rope Wire up to 120 tons [] strain.

Wire Ropes—

Cradock, G., & Co., Ltd., Wakefield, England.

Wire Ropes and Appliances—

Bullivant & Co., Ltd., Reg. Offices, 72, Mark Lane, London, E.C.; Works, Millwall, London, E.

Wright, John & Edwin, Ltd., Universe Wire Rope Works, Birmingham.

Wires (Brass, Copper, &c.) for all Trades and Markets, including the Kaffir Trade—

Moore, W. H., & Sons, 103, Upper Trinity Street, Birmingham.

Wire Workers—

Harvey, G. A., & Co. (London), Ltd. (late of Lewisham), Greenwich Metal Works, Woolwich Road, London, S.E.

Wood Block Flooring—

Gardner, Joseph, & Sons, Bootle, Liverpool.

Wood Pulp—

Becker & Co., Ltd., 64, Cannon St., London, E.C.

Wood Turners—

Edward Collier & Sons, Ltd., Barker Street, Parade, Birmingham.

Wingrove, G., & Son, 85, Floodgate Street, Birmingham.

Wool Brokers—

Dawson, H., & Co., 74, Coleman St., London, E.C.

Woollen Cloth Manufacturers—

Taylor, J., T. & J., Ltd., Batley. Woollen Serges, Tweeds, Vicunas, Naps, Velaines, Coverts, Army Cloths and Blankets.

Woollens and Worsteds—

Jones, G. C., & Son, Cliffe Mills, Leicester. Tropical Suitings from 10 ozs. Indigo Blue Serges all weights. Black and Coloured Corkscrews for Boot Tops.

Worsted and Woollen Manufacturers—

Garnett, G., & Sons, Ltd., Valley Mills, Apperley Bridge. Telephone—101 Idle. Telegrams—Garnet, Apperley Bridge. Garbircord Cloth, Covert Coatings, Pure Indigo and Rockfast Blue Serges, Worsted Suitings, Fancy Flannels and Domestic Flannels. Contractors to all H.M. Government Offices.

Worsted and Woollen Yarns—

Ambler, Thos., & Sons, Ardsley Mills, near Wakefield.

Worsted Suiting Manufacturers—

Dickinson, Herbert (and Mcht. of all classes of Textiles), 3, Northumberland Street, Huddersfield. T.N. 301. T.A. "Dickinson."

Dugdale Bros. & Co., Huddersfield. Telephone Nos. 1772 & 1773. Tele. Address: "Value."

Wrought Iron Pulleys—

Hanson, John T., Grove Pulley and Millgearing Foundry, Longwood, Huddersfield, England. Wrought Iron Pulley Specialist. The Lightest, Strongest, Cheapest, Pulley in the World. Code: 5th Edition, A. B. C. Telegrams: "Pulleys, Longwood Yorkshire." Telephone: 16, Milnsbridge.

Wrought Welded Boilers for every description of Heating Installation—

J. Ashton Riley, Ltd., Huddersfield.

Zephyr Cloth Manufacturers—

Anderson, D. & J., Ltd., Bridgeton, Glasgow.

Zinc Dust and Oxides—

Willcocks, H. S., & Co., Ltd., 5, Beaver Street, Whitworth Street, Manchester.

Zinc Sheets and Workers—

Harvey, G. A., & Co. (London), Ltd. (late of Lewisham), Greenwich Metal Works, Woolwich Road, London, S.E.

BULLIVANTS' STEEL WIRE ROPES.

Durable and Reliable.

Blocks, Pulleys, Crab-Winches and all appliances for working Wire Ropes.

BULLIVANT & CO., LIMITED,

Reg. Offices: **72, MARK LANE, LONDON, E.C.**

Works: : **MILLWALL, LONDON, E.**

Tele. No. 2108 Avenue (3 Lines). Tel. Add.: Bullivants, London.

16

ster.
Blue
ured

erley
ms—
loth,
kfast
nnels
o all

near

es of
ders-

hone
e."

aring
land,
ntest,
World,
ams:
hone:

on of

.

treet,

te of
wich

HANSON'S

Adjustable

WROUGHT IRON PULLEYS

WITH INTERCHANGEABLE BUSHES.

The Perfect Pulley for Stock.

J. T. HANSON,

LONGWOOD, HUDDERSFIELD, ENGLAND.

Telegrams—"PULLEYS, LONGWOOD, YORKSHIRE."
Code—5th Edition A. B. C.

DAVID & JOHN ANDERSON, Ltd.,

Original Manufacturers of the Celebrated

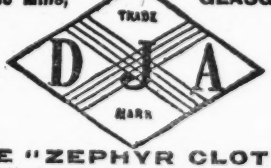
Oxford, Prince of Wales, & Zephyr Shirtings; Madras, Panama, & Cheviot Shirtings.

Prize Medal Awarded to D. and J. Anderson.

Atlantic Mills, GLASGOW.

London, 1862.

For Ginghams Shown in the Exhibition.



THE "ZEPHYR CLOTH."

Also of the best qualities of Ceylon, Tennis, and Unshrinkable Flanneis. Silk Shirtings, &c.
Dress Goods. Ginghams.
Coloured Piques, Cords, Chenes, Fancy Cottons.
All goods are stamped at each end of the piece with the Trade Mark and Name and Address of the Company in full.

Exhibition of all Nations, Class XI.

CRESYLIC ACID

TAR, PITCH, CREOSOTE.

JAMES GREENSHIELDS & CO., LTD.,
54, Gordon Street, Glasgow.

INDIGO. ZINC DUST.

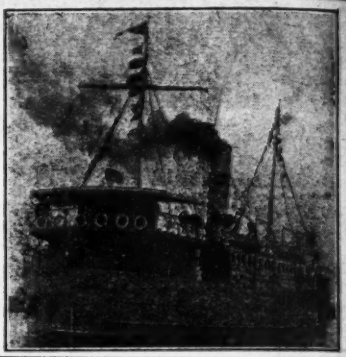
All Brands V.M. Zinc Oxides and Dyers' Chemicals.

H. S. WILLCOCKS & CO., LTD.,
5, Beaver St., Whitworth St., Manchester.

SHIPBUILDERS AND ENGINEERS.

SHALLOW-DRAFT RIVER STEAMERS, COASTERS,
STERNWHEELERS, LAUNCHES, TUGS & BARGES.
HIGH SPEED STEAM ENGINES, BOILERS,
MARINE MOTORS.

ISAAC J. ABDELA & MITCHELL Ltd.
Dee Shipbuilding Works,
QUEENSFERRY, CHESTER.
Canal Ironworks and Hope Mills,
BRIMSCOMBE, GLOS.
And George St., MANCHESTER.



WIGAN COAL & IRON Co.
(LIMITED),
WIGAN, LANCASHIRE,
PRODUCERS OF
Best House, Gas, & Steam Coals, & Wigan Cannel.

MANUFACTURERS OF
"KIRKLESS HALL" FOUNDRY AND FORGE PIG IRON
FERRO MANGANESE AND SPIEGELEISEN.

BRANDS "KH" AND "WIGAN"

STEEL INGOTS, BLOOMS, BILLETS, TIN-PLATE BARS, ROUNDS, SQUARES, FLATS, ANGLES, TEES, STRIPS, &c., made by SIEMEN'S BASIC PROCESS, in any hardness of Steel.

JOHN RILEY & SONS
LIMITED,
HAPTON, Lancashire.

Manufacturers and Shippers of Sulphuric Acid (all grades), Hydrochloric aud Nitric Acids, Caustic Soda, Chlorides of Zinc and Magnesium, Arseniates of Soda, Tin Crystals, Stannate of Soda, &c., &c.

MANCHESTER, 28, Barton Arcade. *BRADFORD, 7, Charles Street.* *BELFAST, 11/13, Fountain Street.* *GLASGOW, 13, Bath Street.*

Printed by JAS. TRUSCOTT & SON, LTD., London, E.C.

1916